Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
Data File : BP015063.D
Acq On : 11 May 2023 13:20
Operator : CG/JU
Sample : SSTD04074
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040614

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Quant Time: May 11 22:46:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 11 15:04:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	325052	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	1473516	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	922573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1977200	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	1772943	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	2070391	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	134581	16.086	ng/uL	0.00
4) Pyridine-d5	3.875	84	946422	39.910	ng/ul	0.00
7) Phenol-d5	7.293	99	1225936	40.620	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	708810	40.665	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	913778	41.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.863	113	975012	40.543	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	480114	41.465	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	542276	42.091	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	952815	40.985	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	1398665	40.662	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	2785393	39.954	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	3217797	40.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	560877	41.432	ng/ul	0.00
60) Fluorene-d10	15.775	176	2332081	39.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	522556	41.937	ng/ul	0.00
73) Anthracene-d10	17.639	188	3664381	40.474	ng/ul	0.00
81) Pyrene-d10	19.857	212	4085322	39.730	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	4142516	40.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	141566	15.748	ng/uL	99
5) Pyridine	3.899	79	997224	40.433	ng/ul	99
6) Benzaldehyde	7.269	77	407745	49.153	ng/ul	95
8) Phenol	7.322	94	1270802	41.063	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.557	93	1009381	40.767	ng/ul	99
12) 2-Chlorophenol	7.699	128	959955	40.899	ng/ul	99
13) 2-Methylphenol	8.587	108	975381	40.779	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	1256984	40.520	ng/ul	99
16) Acetophenone	8.981	105	1566192	41.727	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.963	70	798239	40.551	ng/ul	98
18) 4-Methylphenol	8.928	108	1076785	40.902	ng/ul	98
19) Hexachloroethane	9.234	117	388867	40.576	ng/ul	97
22) Nitrobenzene	9.363	77	1165207	40.746	ng/ul	99
23) Isophorone	9.899	82	2352793	40.027	ng/ul	99
25) 2-Nitrophenol	10.081	139	586746	41.531	ng/ul	99
26) 2,4-Dimethylphenol	10.134	107	1150705	40.816	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.375	93	1415561	39.580	ng/ul	98
29) 2,4-Dichlorophenol	10.622	162	954084	40.629	ng/ul	99
30) Naphthalene	11.028	128	3200685	39.954	ng/ul	100
32) 4-Chloroaniline	11.134	127	1447598	40.947	ng/ul	99
33) Hexachlorobutadiene	11.304	225	563728	39.830	ng/ul	98
34) Caprolactam	11.928	113	350667m	39.611	ng/ul	
35) 4-Chloro-3-methylphenol	12.251	107	1075409	40.557	ng/ul	98
36) 2-Methylnaphthalene	12.622	142	2149036	39.814	ng/ul	99

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Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: May 11 22:46:09 2023
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Quant Title  : SVOA CALIBRATION
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Instrument :
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Manual Integrations APPROVED

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Supervised By :Jagrut Upadhyay 05/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	2167440	39.986	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.987	216	1123012	40.700	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	729971	40.832	ng/ul	100
41) 2,4,6-Trichlorophenol	13.228	196	781378	40.104	ng/ul	98
42) 2,4,5-Trichlorophenol	13.298	196	854363	40.443	ng/ul	100
43) 1,1'-Biphenyl	13.622	154	2857728	39.923	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	2246839	40.194	ng/ul	99
45) 2-Nitroaniline	13.869	65	682832	42.692	ng/ul	98
47) Dimethylphthalate	14.234	163	2875698	39.608	ng/ul	100
48) 2,6-Dinitrotoluene	14.363	165	611023	42.479	ng/ul	95
50) Acenaphthylene	14.510	152	3562888	40.048	ng/ul	99
51) 3-Nitroaniline	14.692	138	557000	43.005	ng/ul	95
52) Acenaphthene	14.851	153	2416485	39.770	ng/ul	99
53) 2,4-Dinitrophenol	14.898	184	392987	41.149	ng/ul	99
55) 4-Nitrophenol	14.998	109	412358	41.415	ng/ul	98
56) Dibenzofuran	15.181	168	3350117	39.639	ng/ul	99
57) 2,4-Dinitrotoluene	15.151	165	877150	42.142	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.410	232	726887	40.770	ng/ul	96
59) Diethylphthalate	15.592	149	2849858	39.355	ng/ul	99
61) Fluorene	15.834	166	2652695	39.057	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.822	204	1303694	39.285	ng/ul	98
63) 4-Nitroaniline	15.857	138	498625	44.580	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.916	198	540063	41.996	ng/ul	94
67) N-Nitrosodiphenylamine	16.034	169	2332457	40.120	ng/ul	100
68) 4-Bromophenyl-phenylether	16.722	248	829402	40.726	ng/ul	96
69) Hexachlorobenzene	16.839	284	963794	40.047	ng/ul	99
70) Atrazine	16.992	200	884323	41.153	ng/ul	98
71) Pentachlorophenol	17.186	266	615308	40.873	ng/ul	99
72) Phenanthrene	17.586	178	4333596	40.250	ng/ul	100
74) Anthracene	17.675	178	4372333	40.160	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.592	216	1142653	40.760	ng/uL	98
76) Pentachlorobenzene	15.104	250	1136141	40.363	ng/uL	99
77) Carbazole	17.939	167	4002917	41.929	ng/ul	100
78) Di-n-butylphthalate	18.469	149	4943395	40.209	ng/ul	99
80) Fluoranthene	19.533	202	4991930	39.830	ng/ul	100
82) Pyrene	19.886	202	5148698	39.781	ng/ul	98
83) Butylbenzylphthalate	20.739	149	2299898	40.084	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	1623740	41.700	ng/ul	98
85) Benzo(a)anthracene	21.604	228	4892768	39.912	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	3295591	39.896	ng/ul	100
87) Chrysene	21.663	228	4646218	39.648	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	5755686	40.591	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	5346689	40.736	ng/ul	99
91) Benzo(k)fluoranthene	23.457	252	4992954	39.617	ng/ul	99
93) Benzo(a)pyrene	24.092	252	4642757	40.019	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.951	276	6143005	40.895	ng/ul	99
95) Dibenzo(a,h)anthracene	26.962	278	5049815	40.952	ng/ul	100
96) Benzo(g,h,i)perylene	27.792	276	5012237	40.919	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023