Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
Data File : BP013970.D
Acq On : 08 Mar 2023 09:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 01:11:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:10:12 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020768

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	132460	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	550784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	393479	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	951044	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1065924	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1243372	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	29164	8.319	ng/uL	0.00
4) Pyridine-d5	3.870	84	197543	20.351	ng/ul	0.00
7) Phenol-d5	7.234	99	238968	20.443	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	143347	21.027	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	186006	20.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	198939	20.835	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	91411	20.800	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	110819	21.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	207303	20.943	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	269988	20.611	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	700206	20.968	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	755731	21.363	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	122476	20.812	ng/ul	0.00
60) Fluorene-d10	15.716	176	593714	20.978	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	144339	20.080	ng/ul	0.00
73) Anthracene-d10	17.575	188	967307	20.952	ng/ul	0.00
81) Pyrene-d10	19.798	212	1260650	21.444	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1391863	21.045	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	31461	8.313	ng/uL	96
5) Pyridine	3.893	79	206109	20.938	ng/ul	98
6) Benzaldehyde	7.217	77	145161m	24.958	ng/ul	
8) Phenol	7.264	94	249791	20.721	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	194113	21.019	ng/ul	99
12) 2-Chlorophenol	7.640	128	191116	21.299	ng/ul	99
13) 2-Methylphenol	8.522	108	186584	20.816	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.611	45	213387	21.395	ng/ul	97
16) Acetophenone	8.916	105	327550	21.235	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.899	70	167253	21.195	ng/ul	98
18) 4-Methylphenol	8.858	108	206802	20.975	ng/ul	99
19) Hexachloroethane	9.175	117	83244	21.182	ng/ul	96
22) Nitrobenzene	9.299	77	249201	21.198	ng/ul	100
23) Isophorone	9.828	82	473438	20.913	ng/ul	99
25) 2-Nitrophenol	10.016	139	114231	21.069	ng/ul	97
26) 2,4-Dimethylphenol	10.069	107	251975	21.232	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.305	93	273931	20.919	ng/ul	99
29) 2,4-Dichlorophenol	10.552	162	203012	20.792	ng/ul	98
30) Naphthalene	10.958	128	632744	20.920	ng/ul	99
32) 4-Chloroaniline	11.069	127	271017	20.560	ng/ul	99
33) Hexachlorobutadiene	11.240	225	157849	20.316	ng/ul	95
34) Caprolactam	11.852	113	62837m	19.820	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	242265	21.457	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	442682	20.867	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	446793	20.954	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	295134	20.742	ng/ul	98
40) Hexachlorocyclopentadiene	12.899	237	198455	19.477	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	190167	21.275	ng/ul	99
42) 2,4,5-Trichlorophenol	13.234	196	205403	20.939	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	640321	21.137	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	510000	21.197	ng/ul	99
45) 2-Nitroaniline	13.804	65	153420	21.560	ng/ul	96
47) Dimethylphthalate	14.169	163	697634	21.106	ng/ul	99
48) 2,6-Dinitrotoluene	14.299	165	141587	21.666	ng/ul	96
50) Acenaphthylene	14.446	152	791831	21.329	ng/ul	100
51) 3-Nitroaniline	14.628	138	126384	21.843	ng/ul	98
52) Acenaphthene	14.787	153	550474	21.210	ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	97445	19.968	ng/ul	98
55) 4-Nitrophenol	14.928	109	131331	20.661	ng/ul	96
56) Dibenzofuran	15.122	168	799633	21.179	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	211238	21.635	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.345	232	202952	21.626	ng/ul	97
59) Diethylphthalate	15.534	149	712015	21.238	ng/ul	100
61) Fluorene	15.769	166	660440	21.102	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	366152	21.197	ng/ul	99
63) 4-Nitroaniline	15.793	138	132933	22.351	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.845	198	141066	20.571	ng/ul	96
67) N-Nitrosodiphenylamine	15.975	169	571557	21.279	ng/ul	100
68) 4-Bromophenyl-phenylether	16.657	248	242387	21.082	ng/ul	97
69) Hexachlorobenzene	16.775	284	282047	20.818	ng/ul	97
70) Atrazine	16.922	200	243465	21.016	ng/ul	99
71) Pentachlorophenol	17.122	266	177988	20.098	ng/ul	99
72) Phenanthrene	17.522	178	1091053	21.033	ng/ul	100
74) Anthracene	17.610	178	1108129	21.069	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	306363	20.990	ng/uL	98
76) Pentachlorobenzene	15.040	250	323656	21.347	ng/uL	98
77) Carbazole	17.875	167	983517	21.200	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1223120	21.096	ng/ul	99
80) Fluoranthene	19.469	202	1433978	21.400	ng/ul	99
82) Pyrene	19.828	202	1499760	21.455	ng/ul	99
83) Butylbenzylphthalate	20.675	149	589750	20.924	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	595694	21.831	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1566133	20.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	894798	21.234	ng/ul	100
87) Chrysene	21.592	228	1523437	21.321	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	1567019	19.973	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1748889	21.109	ng/ul	99
91) Benzo(k)fluoranthene	23.363	252	1660329	21.016	ng/ul	100
93) Benzo(a)pyrene	23.980	252	1518524	21.072	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.768	276	1989608	20.856	ng/ul	100
95) Dibenzo(a,h)anthracene	26.786	278	1656934	20.898	ng/ul	98
96) Benzo(g,h,i)perylene	27.598	276	1600934	20.996	ng/ul	99

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

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