Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
Data File : BP014717.D
Acq On : 18 Apr 2023 17:57
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080636

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 01:02:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 00:51:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	186475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	759692	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	460034	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	983191	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	932593	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	1005699	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	151770	31.562	ng/uL	0.00
4) Pyridine-d5	3.911	84	1071497	86.952	ng/ul	0.00
7) Phenol-d5	7.293	99	1331445	77.420	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	795257	72.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.681	132	1047882	84.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.857	113	1033215	74.481	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	468332	76.364	ng/ul	0.00
24) 2-Nitrophenol-d4	10.057	143	462433	65.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	1035931	80.999	ng/ul	0.00
31) 4-Chloroaniline-d4	11.116	131	1456205	86.441	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	2964809	79.485	ng/ul	0.00
49) Acenaphthylene-d8	14.487	160	3509806	84.801	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	522495	92.722	ng/ul	0.01
60) Fluorene-d10	15.781	176	2510354	80.704	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	393515	54.395	ng/ul	0.01
73) Anthracene-d10	17.645	188	3874821	81.434	ng/ul	0.00
81) Pyrene-d10	19.857	212	4437410	70.838	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	4505177	84.316	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	163507	30.942	ng/uL	96
5) Pyridine	3.934	79	1093796	84.819	ng/ul	93
6) Benzaldehyde	7.281	77	528514	61.828	ng/ul	95
8) Phenol	7.322	94	1378077	77.246	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.569	93	1108090	77.291	ng/ul	99
12) 2-Chlorophenol	7.710	128	1078379	83.354	ng/ul	97
13) 2-Methylphenol	8.593	108	1042362	78.347	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.693	45	1388272	73.753	ng/ul	98
16) Acetophenone	8.987	105	1667901	72.812	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.981	70	801094	64.734	ng/ul#	95
18) 4-Methylphenol	8.928	108	1120828	76.709	ng/ul	97
19) Hexachloroethane	9.257	117	443300	78.422	ng/ul	95
22) Nitrobenzene	9.375	77	1150311	65.290	ng/ul	97
23) Isophorone	9.905	82	2373829	73.093	ng/ul	98
25) 2-Nitrophenol	10.093	139	532272	71.809	ng/ul	95
26) 2,4-Dimethylphenol	10.140	107	1183188	71.317	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.387	93	1461230	75.046	ng/ul	99
29) 2,4-Dichlorophenol	10.622	162	1022651	81.250	ng/ul	97
30) Naphthalene	11.040	128	3459775	81.761	ng/ul	99
32) 4-Chloroaniline	11.140	127	1470574	86.185	ng/ul	99
33) Hexachlorobutadiene	11.322	225	671066	67.298	ng/ul	97
34) Caprolactam	11.916	113	294133m	79.103	ng/ul	
35) 4-Chloro-3-methylphenol	12.246	107	1049465	67.790	ng/ul	96
36) 2-Methylnaphthalene	12.634	142	2299933	80.200	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.851	142	2279568	80.150	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.993	216	1264329	77.084	ng/ul	98
40)	Hexachlorocyclopentadiene	12.975	237	778663	73.308	ng/ul	99
41)	2,4,6-Trichlorophenol	13.222	196	800147	78.835	ng/ul	98
42)	2,4,5-Trichlorophenol	13.293	196	869454	80.466	ng/ul	99
43)	1,1'-Biphenyl	13.628	154	3047748	82.002	ng/ul	100
44)	2-Chloronaphthalene	13.675	162	2403202	81.778	ng/ul	99
45)	2-Nitroaniline	13.869	65	572723	62.931	ng/ul	95
47)	Dimethylphthalate	14.240	163	2965705	79.521	ng/ul	100
48)	2,6-Dinitrotoluene	14.363	165	542140	74.404	ng/ul	86
50)	Acenaphthylene	14.516	152	3726734	84.547	ng/ul	99
51)	3-Nitroaniline	14.687	138	490829	75.191	ng/ul#	98
52)	Acenaphthene	14.851	153	2532256	81.297	ng/ul	99
53)	2,4-Dinitrophenol	14.887	184	230065	48.758	ng/ul	95
55)	4-Nitrophenol	14.981	109	400690	72.048	ng/ul	93
56)	Dibenzofuran	15.187	168	3488438	79.669	ng/ul	97
57)	2,4-Dinitrotoluene	15.140	165	775910	75.071	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.404	232	728562	75.021	ng/ul	95
59)	Diethylphthalate	15.604	149	2936995	79.248	ng/ul	98
61)	Fluorene	15.839	166	2710832	76.380	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.828	204	1386091	72.692	ng/ul	98
63)	4-Nitroaniline	15.851	138	454681	85.727	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.904	198	417826	59.596	ng/ul#	91
67)	N-Nitrosodiphenylamine	16.039	169	2424595	79.260	ng/ul	99
68)	4-Bromophenyl-phenylether	16.722	248	908699	74.274	ng/ul	97
69)	Hexachlorobenzene	16.839	284	1031870	73.427	ng/ul	98
70)	Atrazine	16.992	200	860177	77.245	ng/ul	100
71)	Pentachlorophenol	17.181	266	623481	76.582	ng/ul	100
72)	Phenanthrene	17.586	178	4479736	81.898	ng/ul	99
74)	Anthracene	17.681	178	4516976	81.934	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.593	216	1290303	74.555	ng/uL	99
76)	Pentachlorobenzene	15.104	250	1236044	71.577	ng/uL	99
77)	Carbazole	17.933	167	4090094	88.655	ng/ul	99
78)	Di-n-butylphthalate	18.475	149	5004006	86.261	ng/ul	99
80)	Fluoranthene	19.528	202	5219210	70.467	ng/ul	96
82)	Pyrene	19.886	202	5352256	69.216	ng/ul	98
83)	Butylbenzylphthalate	20.739	149	1918892	72.042	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.522	252	1755730	85.125	ng/ul	100
85)	Benzo(a)anthracene	21.598	228	5243177	79.339	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.510	149	3013118	82.726	ng/ul	99
87)	Chrysene	21.657	228	4955919	79.421	ng/ul	99
89)	Di-n-octyl phthalate	22.498	149	5230010	80.136	ng/ul	100
90)	Benzo(b)fluoranthene	23.404	252	5617541	82.705	ng/ul	98
91)	Benzo(k)fluoranthene	23.463	252	5371061	81.418	ng/ul	98
93)	Benzo(a)pyrene	24.092	252	4942271	84.534	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.939	276	6553038	81.470	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.968	278	5432890	80.674	ng/ul	97
96)	Benzo(g,h,i)perylene	27.780	276	5290017	80.684	ng/ul	97

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

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