Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015541.D
Acq On : 15 Jun 2023 04:58
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 05:38:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020751

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	157275	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	722449	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	489022	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	1136815	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1118118	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	1204845	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	32646	7.686	ng/uL	0.00
4) Pyridine-d5	3.846	84	216008	19.580	ng/ul	0.00
7) Phenol-d5	7.240	99	288567	19.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	174251	20.137	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	211322	20.116	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	240080	20.189	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	116325	20.509	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	135473	20.915	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	247802	20.972	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	344517	20.313	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	786254	20.389	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	875888	20.772	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	118136	17.107	ng/ul	0.00
60) Fluorene-d10	15.722	176	678156	20.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	141159	19.601	ng/ul	0.00
73) Anthracene-d10	17.586	188	1071040	20.707	ng/ul	0.00
81) Pyrene-d10	19.810	212	1282267	21.427	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1224718	20.259	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	34017	7.582	ng/uL#	86
5) Pyridine	3.864	79	231955	20.281	ng/ul	95
6) Benzaldehyde	7.222	77	93070	16.805	ng/ul	99
8) Phenol	7.269	94	299596	20.042	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.505	93	235420	19.919	ng/ul	99
12) 2-Chlorophenol	7.646	128	223649	20.150	ng/ul	98
13) 2-Methylphenol	8.534	108	231888	20.162	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.616	45	319491	20.399	ng/ul	98
16) Acetophenone	8.922	105	399960	21.075	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.905	70	211889	20.687	ng/ul	98
18) 4-Methylphenol	8.863	108	256619	20.279	ng/ul	96
19) Hexachloroethane	9.175	117	96644	20.605	ng/ul	99
22) Nitrobenzene	9.305	77	319070	21.212	ng/ul	98
23) Isophorone	9.834	82	604178	20.065	ng/ul	98
25) 2-Nitrophenol	10.022	139	148170	21.187	ng/ul	94
26) 2,4-Dimethylphenol	10.075	107	306608	20.674	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.316	93	351399	20.073	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	251706	21.426	ng/ul	99
30) Naphthalene	10.963	128	797214	20.364	ng/ul	99
32) 4-Chloroaniline	11.081	127	356609	20.321	ng/ul	100
33) Hexachlorobutadiene	11.240	225	166950	21.072	ng/ul	97
34) Caprolactam	11.863	113	82672m	18.694	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	296734	20.847	ng/ul	99
36) 2-Methylnaphthalene	12.563	142	563086	20.460	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	563236	20.326	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	325894	21.401	ng/ul	99
40) Hexachlorocyclopentadiene	12.899	237	136090	21.802	ng/ul	95
41) 2,4,6-Trichlorophenol	13.169	196	215365	21.249	ng/ul	98
42) 2,4,5-Trichlorophenol	13.246	196	232072	21.013	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	781534	20.666	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	617450	20.810	ng/ul	99
45) 2-Nitroaniline	13.822	65	202504	21.325	ng/ul	96
47) Dimethylphthalate	14.181	163	819848	20.591	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	171946	21.079	ng/ul	96
50) Acenaphthylene	14.451	152	964103	20.647	ng/ul	99
51) 3-Nitroaniline	14.645	138	120083	17.833	ng/ul	98
52) Acenaphthene	14.793	153	666651	20.653	ng/ul	100
53) 2,4-Dinitrophenol	14.857	184	116787	23.800	ng/ul	98
55) 4-Nitrophenol	14.945	109	125705	18.872	ng/ul	95
56) Dibenzofuran	15.128	168	945200	20.661	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	248707	20.730	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.357	232	212797	21.339	ng/ul#	96
59) Diethylphthalate	15.540	149	840965	20.609	ng/ul	100
61) Fluorene	15.781	166	770662	20.665	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.769	204	393399	20.930	ng/ul	100
63) 4-Nitroaniline	15.804	138	108406m	16.972	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.863	198	143855	19.585	ng/ul#	90
67) N-Nitrosodiphenylamine	15.981	169	666786	20.675	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	253936	20.879	ng/ul	96
69) Hexachlorobenzene	16.787	284	299188	20.855	ng/ul	96
70) Atrazine	16.939	200	269520	20.927	ng/ul	99
71) Pentachlorophenol	17.134	266	168513	20.782	ng/ul	99
72) Phenanthrene	17.528	178	1270651	20.828	ng/ul	99
74) Anthracene	17.622	178	1276997	20.630	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	337215	21.493	ng/uL	99
76) Pentachlorobenzene	15.045	250	350709	21.349	ng/uL	99
77) Carbazole	17.892	167	1146498	20.571	ng/ul	100
78) Di-n-butylphthalate	18.416	149	1484238	20.989	ng/ul	99
80) Fluoranthene	19.486	202	1574208	21.596	ng/ul	97
82) Pyrene	19.839	202	1617050	21.442	ng/ul	97
83) Butylbenzylphthalate	20.692	149	726676	21.801	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	498624	18.876	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1630007	20.853	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1075116	21.821	ng/ul	100
87) Chrysene	21.610	228	1517102	20.534	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	1873128	23.655	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1662761	21.380	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1535473	20.424	ng/ul	100
93) Benzo(a)pyrene	24.004	252	1368873	20.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.810	276	1640331	18.693	ng/ul	99
95) Dibenzo(a,h)anthracene	26.827	278	1350746	18.894	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	1333232	18.436	ng/ul	99

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

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