Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014263.D
Acq On : 23 Mar 2023 18:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 24 00:52:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 04:56:06 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020789

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/24/2023
Supervised By :Jagrut Upadhyay
03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	161022	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	764216	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	553108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1298983	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.522	240	1344143	20.000	ng/ul	# 0.00
88) Perylene-d12	24.039	264	1407552	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	30323	7.115	ng/uL	0.00
4) Pyridine-d5	3.834	84	216345	18.335	ng/ul	0.00
7) Phenol-d5	7.193	99	293273	20.639	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	186232	22.472	ng/ul	0.00
11) 2-Chlorophenol-d4	7.564	132	218535	20.186	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	251256	21.647	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	117726	19.307	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	138219	18.936	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	251748	18.330	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	350130	19.264	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	876171	18.665	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	960783	19.321	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	146705	17.735	ng/ul	0.00
60) Fluorene-d10	15.675	176	741927	18.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	170470	17.363	ng/ul	0.00
73) Anthracene-d10	17.539	188	1207593	19.150	ng/ul	0.00
81) Pyrene-d10	19.763	212	1469269	19.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1420739	18.976	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	32114	6.980	ng/uL	92
5) Pyridine	3.858	79	222996	18.635	ng/ul	96
6) Benzaldehyde	7.175	77	175365	24.803	ng/ul	99
8) Phenol	7.222	94	307704	20.998	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.452	93	244336	21.764	ng/ul	95
12) 2-Chlorophenol	7.599	128	225319	20.657	ng/ul	95
13) 2-Methylphenol	8.481	108	235809	21.641	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.569	45	318061	26.234	ng/ul	99
16) Acetophenone	8.869	105	412326	21.990	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.846	70	229033	23.876	ng/ul	96
18) 4-Methylphenol	8.816	108	263203	21.960	ng/ul	99
19) Hexachloroethane	9.122	117	96572	20.215	ng/ul	97
22) Nitrobenzene	9.252	77	325903	19.980	ng/ul	98
23) Isophorone	9.781	82	643014	20.471	ng/ul	98
25) 2-Nitrophenol	9.969	139	144351	19.188	ng/ul	97
26) 2,4-Dimethylphenol	10.022	107	326317	19.817	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.258	93	374287	20.600	ng/ul	99
29) 2,4-Dichlorophenol	10.505	162	251069	18.532	ng/ul	95
30) Naphthalene	10.910	128	813674	19.389	ng/ul	100
32) 4-Chloroaniline	11.022	127	358650	19.610	ng/ul	98
33) Hexachlorobutadiene	11.181	225	179381	16.639	ng/ul	98
34) Caprolactam	11.810	113	87303m	19.846	ng/ul	
35) 4-Chloro-3-methylphenol	12.140	107	320006	20.427	ng/ul	96
36) 2-Methylnaphthalene	12.510	142	570365	19.377	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	573317	19.379	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	351910	17.594	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	207815	14.510	ng/ul	100
41) 2,4,6-Trichlorophenol	13.116	196	233174	18.558	ng/ul	99
42) 2,4,5-Trichlorophenol	13.193	196	253353	18.373	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	825979	19.397	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	648711	19.181	ng/ul	97
45) 2-Nitroaniline	13.769	65	214365	21.431	ng/ul	92
47) Dimethylphthalate	14.134	163	880735	18.956	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	178720	19.456	ng/ul	94
50) Acenaphthylene	14.404	152	1020655	19.558	ng/ul	99
51) 3-Nitroaniline	14.593	138	169208	20.804	ng/ul	94
52) Acenaphthene	14.746	153	712395	19.527	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	115546	16.844	ng/ul	94
55) 4-Nitrophenol	14.904	109	154542	17.296	ng/ul	85
56) Dibenzofuran	15.081	168	1015272	19.129	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	263191	19.177	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	237080	17.971	ng/ul	99
59) Diethylphthalate	15.493	149	896447	19.022	ng/ul	99
61) Fluorene	15.728	166	844444	19.194	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	446189	18.375	ng/ul	97
63) 4-Nitroaniline	15.763	138	177233	21.199	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.810	198	165180	17.635	ng/ul	93
67) N-Nitrosodiphenylamine	15.934	169	720037	19.627	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	287742	18.323	ng/ul	98
69) Hexachlorobenzene	16.740	284	331700	17.925	ng/ul	98
70) Atrazine	16.892	200	290755	18.375	ng/ul	99
71) Pentachlorophenol	17.087	266	218134	18.034	ng/ul	99
72) Phenanthrene	17.481	178	1378630	19.459	ng/ul	100
74) Anthracene	17.575	178	1415532	19.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	367924	18.456	ng/uL	100
76) Pentachlorobenzene	14.998	250	377240	18.217	ng/uL	99
77) Carbazole	17.845	167	1256670	19.832	ng/ul	100
78) Di-n-butylphthalate	18.375	149	1576186	19.903	ng/ul	99
80) Fluoranthene	19.439	202	1701456	20.136	ng/ul#	95
82) Pyrene	19.792	202	1785283	20.253	ng/ul#	94
83) Butylbenzylphthalate	20.645	149	744384	20.944	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.427	252	629084	18.282	ng/ul#	99
85) Benzo(a)anthracene	21.504	228	1830957	19.367	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1098548	20.673	ng/ul	98
87) Chrysene	21.557	228	1726019	19.156	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1884531	21.219	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1854891m	19.777	ng/ul	
91) Benzo(k)fluoranthene	23.316	252	1753133	19.602	ng/ul	98
93) Benzo(a)pyrene	23.927	252	1555273	19.065	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	1815714	16.813	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.704	278	1524122	16.980	ng/ul	98
96) Benzo(g,h,i)perylene	27.504	276	1416863	16.414	ng/ul#	96

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

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