Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018883.D
Acq On : 15 Dec 2023 17:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020730

Quant Time: Dec 15 18:00:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	233489	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.616	136	837198	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.457	164	475311	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1015700	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1162371	20.000	ng/ul	0.00
88) Perylene-d12	23.668	264	1396325	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	61621	8.993	ng/uL	0.00
4) Pyridine-d5	3.669	84	387926	21.137	ng/ul	0.00
7) Phenol-d5	6.993	99	445322	19.005	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	266513	19.191	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.351	132	357128	19.533	ng/ul	-0.01
15) 4-Methylphenol-d8	8.534	113	330996	17.455	ng/ul	-0.01
21) Nitrobenzene-d5	8.981	128	153647	20.620	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.704	143	160736	20.806	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.240	165	334762	21.192	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.757	131	403088	19.525	ng/ul	-0.01
46) Dimethylphthalate-d6	13.875	166	842046	19.849	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	985469	21.097	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	143129	20.554	ng/ul	0.00
60) Fluorene-d10	15.451	176	744466	20.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	114263	18.762	ng/ul	0.00
73) Anthracene-d10	17.310	188	1142206	21.391	ng/ul	0.00
81) Pyrene-d10	19.551	212	1438395	15.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1679155	20.624	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	66121	8.800	ng/uL	96
5) Pyridine	3.687	79	394087	21.263	ng/ul	97
6) Benzaldehyde	6.963	77	269445	22.272	ng/ul	96
8) Phenol	7.016	94	439289	19.117	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.251	93	365803	19.384	ng/ul	98
12) 2-Chlorophenol	7.381	128	360584	19.487	ng/ul	98
13) 2-Methylphenol	8.269	108	324205	18.429	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	419838	17.533	ng/ul	96
16) Acetophenone	8.646	105	505233	17.878	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.634	70	232604	14.962	ng/ul	99
18) 4-Methylphenol	8.598	108	336466	17.516	ng/ul	99
19) Hexachloroethane	8.898	117	154181	20.324	ng/ul	85
22) Nitrobenzene	9.028	77	377296	20.826	ng/ul	99
23) Isophorone	9.551	82	643000	17.408	ng/ul	99
25) 2-Nitrophenol	9.734	139	174161	21.056	ng/ul	99
26) 2,4-Dimethylphenol	9.798	107	321772	19.890	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.040	93	437987	18.782	ng/ul	100
29) 2,4-Dichlorophenol	10.269	162	320414	21.058	ng/ul	97
30) Naphthalene	10.669	128	1073278	21.133	ng/ul	100
32) 4-Chloroaniline	10.787	127	392406	19.943	ng/ul	97
33) Hexachlorobutadiene	10.951	225	251281	24.659	ng/ul	98
34) Caprolactam	11.563	113	89953	19.280	ng/ul	89
35) 4-Chloro-3-methylphenol	11.916	107	299480	17.570	ng/ul	96
36) 2-Methylnaphthalene	12.281	142	694816	19.311	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	693711	19.092	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	428788	24.865	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	213529	20.890	ng/ul	99
41) 2,4,6-Trichlorophenol	12.892	196	202541	18.258	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	221106	18.384	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	781965	19.022	ng/ul	97
44) 2-Chloronaphthalene	13.333	162	682988	21.036	ng/ul	99
45) 2-Nitroaniline	13.545	65	164032	18.637	ng/ul	97
47) Dimethylphthalate	13.922	163	828666	19.844	ng/ul	98
48) 2,6-Dinitrotoluene	14.045	165	153704	19.482	ng/ul	95
50) Acenaphthylene	14.181	152	1112565	21.184	ng/ul	100
51) 3-Nitroaniline	14.369	138	153759	19.524	ng/ul	97
52) Acenaphthene	14.522	153	731775	21.073	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	67201	16.072	ng/ul	99
55) 4-Nitrophenol	14.680	109	111195	21.136	ng/ul	96
56) Dibenzofuran	14.857	168	1030878	21.360	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	223525	20.142	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.086	232	216904	21.501	ng/ul#	93
59) Diethylphthalate	15.286	149	785062	19.212	ng/ul	100
61) Fluorene	15.510	166	815542	21.355	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	437544	21.846	ng/ul	96
63) 4-Nitroaniline	15.533	138	155313	20.701	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.592	198	125559	19.283	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	677634	20.133	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	270634	21.106	ng/ul	92
69) Hexachlorobenzene	16.510	284	316805	22.129	ng/ul	98
70) Atrazine	16.680	200	187099	18.698	ng/ul	97
71) Pentachlorophenol	16.857	266	189891	22.302	ng/ul	99
72) Phenanthrene	17.251	178	1306681	21.301	ng/ul	99
74) Anthracene	17.345	178	1321744	21.496	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	353073	20.104	ng/uL	99
76) Pentachlorobenzene	14.775	250	385738	22.360	ng/uL	99
77) Carbazole	17.622	167	1180497	24.089	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1282804	19.658	ng/ul	100
80) Fluoranthene	19.221	202	1642381	15.356	ng/ul	97
82) Pyrene	19.574	202	1731469	16.048	ng/ul	97
83) Butylbenzylphthalate	20.457	149	614068	15.546	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	605229	21.427	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1953777	20.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	926325	17.062	ng/ul	99
87) Chrysene	21.339	228	1816176	20.903	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1666715	16.348	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2021855	19.639	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	2047598	20.556	ng/ul	99
93) Benzo(a)pyrene	23.562	252	1944223	20.668	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.121	276	2473197	22.005	ng/ul	96
95) Dibenzo(a,h)anthracene	26.139	278	2063250	22.067	ng/ul	98
96) Benzo(g,h,i)perylene	26.874	276	1980589	21.896	ng/ul	96

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

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