Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018792.D
Acq On : 13 Dec 2023 05:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020722

Quant Time: Dec 26 07:41:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	191348	20.000	ng/ul	0.02
20) Naphthalene-d8	10.634	136	724998	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.469	164	475343	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.216	188	1154036	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1312970	20.000	ng/ul	# 0.00
88) Perylene-d12	23.668	264	1573087	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	41686	7.424	ng/uL	0.01
4) Pyridine-d5	3.681	84	286882	19.074	ng/ul	0.01
7) Phenol-d5	7.010	99	334754	17.433	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.175	67	195430	17.171	ng/ul	0.01
11) 2-Chlorophenol-d4	7.369	132	271914	18.147	ng/ul	0.02
15) 4-Methylphenol-d8	8.552	113	265378	17.077	ng/ul	0.01
21) Nitrobenzene-d5	8.999	128	126342	19.580	ng/ul	0.01
24) 2-Nitrophenol-d4	9.716	143	140068	20.937	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.252	165	284408	20.791	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	348836	19.512	ng/ul	0.01
46) Dimethylphthalate-d6	13.887	166	832927	19.633	ng/ul	0.01
49) Acenaphthylene-d8	14.163	160	913962	19.564	ng/ul	0.01
54) 4-Nitrophenol-d4	14.669	143	145501	20.894	ng/ul	0.00
60) Fluorene-d10	15.457	176	720980	20.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	136034	19.659	ng/ul	0.00
73) Anthracene-d10	17.316	188	1185969	19.548	ng/ul	0.01
81) Pyrene-d10	19.551	212	1542989	15.097	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1774546	19.347	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	45250	7.349	ng/uL	96
5) Pyridine	3.699	79	283394	18.658	ng/ul	97
6) Benzaldehyde	6.981	77	181686	18.326	ng/ul	99
8) Phenol	7.034	94	327024	17.366	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.269	93	265592	17.173	ng/ul	100
12) 2-Chlorophenol	7.399	128	269888	17.797	ng/ul	100
13) 2-Methylphenol	8.287	108	247035	17.135	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.363	45	318058	16.208	ng/ul#	95
16) Acetophenone	8.663	105	399373	17.244	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.652	70	193590	15.194	ng/ul	99
18) 4-Methylphenol	8.616	108	263502	16.738	ng/ul	100
19) Hexachloroethane	8.916	117	117120	18.839	ng/ul#	81
22) Nitrobenzene	9.040	77	310850	19.814	ng/ul	99
23) Isophorone	9.569	82	554355	17.330	ng/ul	97
25) 2-Nitrophenol	9.752	139	146444	20.445	ng/ul#	92
26) 2,4-Dimethylphenol	9.816	107	265875	18.979	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.052	93	342892	16.979	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	275644	20.920	ng/ul	98
30) Naphthalene	10.681	128	822666	18.705	ng/ul	99
32) 4-Chloroaniline	10.799	127	330130	19.375	ng/ul	99
33) Hexachlorobutadiene	10.969	225	218586	24.770	ng/ul	99
34) Caprolactam	11.575	113	73968	18.308	ng/ul	94
35) 4-Chloro-3-methylphenol	11.922	107	280435	18.999	ng/ul	100
36) 2-Methylnaphthalene	12.293	142	575820	18.481	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	578239	18.377	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	384816	22.313	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	201476	19.710	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	238402	21.489	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	257137	21.379	ng/ul	100
43) 1,1'-Biphenyl	13.304	154	784286	19.078	ng/ul#	97
44) 2-Chloronaphthalene	13.345	162	631936	19.462	ng/ul	99
45) 2-Nitroaniline	13.551	65	172088	19.551	ng/ul	97
47) Dimethylphthalate	13.934	163	813322	19.476	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	162144	20.551	ng/ul	98
50) Acenaphthylene	14.187	152	1000358	19.046	ng/ul	99
51) 3-Nitroaniline	14.375	138	160614	20.393	ng/ul	97
52) Acenaphthene	14.528	153	665545	19.165	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	80418	19.231	ng/ul	93
55) 4-Nitrophenol	14.687	109	135947	25.839	ng/ul	79
56) Dibenzofuran	14.863	168	955150	19.789	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	242725	21.870	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	235668	23.359	ng/ul	94
59) Diethylphthalate	15.298	149	802568	19.639	ng/ul	100
61) Fluorene	15.516	166	773171	20.244	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	428254	21.380	ng/ul	99
63) 4-Nitroaniline	15.539	138	166782	22.228	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.598	198	142626	19.279	ng/ul#	93
67) N-Nitrosodiphenylamine	15.728	169	666239	17.422	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	293947	20.176	ng/ul	96
69) Hexachlorobenzene	16.516	284	360182	22.143	ng/ul	94
70) Atrazine	16.686	200	218443	19.213	ng/ul	96
71) Pentachlorophenol	16.863	266	226209	23.383	ng/ul	100
72) Phenanthrene	17.257	178	1319213	18.927	ng/ul	100
74) Anthracene	17.351	178	1342854	19.221	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	382426	19.165	ng/uL	98
76) Pentachlorobenzene	14.781	250	396930	20.250	ng/uL	99
77) Carbazole	17.622	167	1201017	21.570	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1419700	19.148	ng/ul	99
80) Fluoranthene	19.227	202	1740738	14.409	ng/ul#	92
82) Pyrene	19.580	202	1796724	14.742	ng/ul#	90
83) Butylbenzylphthalate	20.457	149	694762	15.572	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	646925	20.276	ng/ul	97
85) Benzo(a)anthracene	21.286	228	2014730	18.905	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1024487	16.706	ng/ul	99
87) Chrysene	21.339	228	1837258	18.721	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1824871	15.888	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2113635	18.223	ng/ul#	98
91) Benzo(k)fluoranthene	22.992	252	2090511	18.628	ng/ul#	98
93) Benzo(a)pyrene	23.563	252	1989643	18.774	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.121	276	2538236	20.046	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.145	278	2112515	20.055	ng/ul#	95
96) Benzo(g,h,i)perylene	26.880	276	2036338	19.983	ng/ul#	93

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

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