Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018393.D
Acq On : 26 Nov 2023 07:09
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020695

Quant Time: Nov 27 00:10:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	490140	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	2015822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1214691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	2330974	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1607942	20.000	ng/ul	0.00
88) Perylene-d12	23.810	264	1849058	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	99123	7.575	ng/uL	0.00
4) Pyridine-d5	3.687	84	673368	18.724	ng/ul	0.00
7) Phenol-d5	7.028	99	880606	19.659	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	496413	18.533	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	745754	19.829	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	729485	20.180	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	355878	21.735	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	360790	23.860	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	775830	21.266	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	1014488	20.618	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2120561	19.620	ng/ul	-0.01
49) Acenaphthylene-d8	14.187	160	2442720	19.835	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	277384	18.590	ng/ul	0.00
60) Fluorene-d10	15.487	176	1763936	19.512	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	216997	21.868	ng/ul	0.00
73) Anthracene-d10	17.345	188	2467174	19.802	ng/ul	0.00
81) Pyrene-d10	19.586	212	2410690	18.838	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	2118848	19.765	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	99710	7.106	ng/uL#	90
5) Pyridine	3.705	79	670601	18.507	ng/ul	97
6) Benzaldehyde	7.005	77	497154	20.973	ng/ul	95
8) Phenol	7.058	94	869028	19.778	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	712213	19.459	ng/ul	95
12) 2-Chlorophenol	7.422	128	739069	19.588	ng/ul	96
13) 2-Methylphenol	8.311	108	682411	19.939	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	857191	16.476	ng/ul	96
16) Acetophenone	8.687	105	1076695	19.465	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.681	70	494013	15.987	ng/ul	92
18) 4-Methylphenol	8.640	108	731688	20.020	ng/ul	99
19) Hexachloroethane	8.946	117	293223	18.609	ng/ul	91
22) Nitrobenzene	9.069	77	750190	19.557	ng/ul	94
23) Isophorone	9.599	82	1462801	17.110	ng/ul	97
25) 2-Nitrophenol	9.775	139	396270	23.292	ng/ul	94
26) 2,4-Dimethylphenol	9.840	107	736938	19.293	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	968886	18.765	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	736193	21.067	ng/ul	98
30) Naphthalene	10.710	128	2384713	19.560	ng/ul	100
32) 4-Chloroaniline	10.828	127	956347	20.597	ng/ul	99
33) Hexachlorobutadiene	10.999	225	524798	22.019	ng/ul	100
34) Caprolactam	11.593	113	187611	18.630	ng/ul	87
35) 4-Chloro-3-methylphenol	11.946	107	690890	18.491	ng/ul	95
36) 2-Methylnaphthalene	12.322	142	1657692	19.212	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1651859	19.019	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	965711	22.511	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	467600	19.245	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	585902	22.741	ng/ul	99
42) 2,4,5-Trichlorophenol	12.999	196	619163	22.225	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	2159890	20.408	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1723409	20.574	ng/ul	98
45) 2-Nitroaniline	13.575	65	355467	19.722	ng/ul	88
47) Dimethylphthalate	13.957	163	2076694	19.637	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	397622	22.301	ng/ul	90
50) Acenaphthylene	14.216	152	2703587	19.694	ng/ul	99
51) 3-Nitroaniline	14.399	138	378593	21.371	ng/ul#	96
52) Acenaphthene	14.557	153	1758656	19.611	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	121953	19.605	ng/ul	96
55) 4-Nitrophenol	14.704	109	194821	17.624	ng/ul	94
56) Dibenzofuran	14.893	168	2431088	19.829	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	533288	22.133	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.116	232	488747	22.338	ng/ul	96
59) Diethylphthalate	15.328	149	1989521	18.728	ng/ul	99
61) Fluorene	15.546	166	1902877	19.033	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.546	204	1021604	20.122	ng/ul	96
63) 4-Nitroaniline	15.563	138	336294	20.115	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.616	198	240605	21.863	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	1601096	20.255	ng/ul	100
68) 4-Bromophenyl-phenylether	16.440	248	606263	20.600	ng/ul	95
69) Hexachlorobenzene	16.545	284	735931	22.368	ng/ul	93
70) Atrazine	16.716	200	521094	21.594	ng/ul	98
71) Pentachlorophenol	16.892	266	367462	21.737	ng/ul	98
72) Phenanthrene	17.287	178	2785384	19.645	ng/ul	100
74) Anthracene	17.381	178	2813237	19.657	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	961514	23.998	ng/uL	100
76) Pentachlorobenzene	14.810	250	911777	23.427	ng/uL	99
77) Carbazole	17.651	167	2274390	19.616	ng/ul	99
78) Di-n-butylphthalate	18.216	149	3062050	18.986	ng/ul	100
80) Fluoranthene	19.263	202	2872924	18.792	ng/ul	96
82) Pyrene	19.616	202	2869915	18.642	ng/ul	96
83) Butylbenzylphthalate	20.510	149	998398	17.525	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	796029	20.469	ng/ul	100
85) Benzo(a)anthracene	21.345	228	2550698	19.465	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1456033	17.035	ng/ul	99
87) Chrysene	21.398	228	2358603	19.779	ng/ul	100
89) Di-n-octyl phthalate	22.269	149	2105393	15.466	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2546390	18.960	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	2536609	18.972	ng/ul	99
93) Benzo(a)pyrene	23.698	252	2438329	19.741	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.416	276	3022065	21.160	ng/ul	97
95) Dibenzo(a,h)anthracene	26.463	278	2502317	21.402	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	2483293	21.470	ng/ul	98

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

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