Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013420.D
Acq On : 10 Jan 2023 09:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020741

Quant Time: Jan 10 23:18:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	480727	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1940052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1209716	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	2624584	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	2698039	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	3055309	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	94019	7.602	ng/uL	0.00
4) Pyridine-d5	3.734	84	647506	18.771	ng/ul	0.00
7) Phenol-d5	7.075	99	738134	18.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	510801	20.298	ng/ul	0.00
11) 2-Chlorophenol-d4	7.445	132	592863	19.929	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	571690	18.811	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	271690	19.668	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	300828	19.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	590623	19.599	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	776429	18.289	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1674545	19.000	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1900662	19.482	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	274982	17.045	ng/ul	0.00
60) Fluorene-d10	15.557	176	1465852	18.829	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	293299	17.624	ng/ul	0.00
73) Anthracene-d10	17.421	188	2248852	19.385	ng/ul	0.00
81) Pyrene-d10	19.657	212	2736214	18.640	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	2814724	18.755	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	101363	7.442	ng/uL	99
5) Pyridine	3.757	79	651568	18.679	ng/ul	98
6) Benzaldehyde	7.051	77	299793	19.705	ng/ul	95
8) Phenol	7.104	94	766669	18.577	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.340	93	651964	19.979	ng/ul	98
12) 2-Chlorophenol	7.475	128	605725	19.546	ng/ul	98
13) 2-Methylphenol	8.363	108	546857	18.452	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.445	45	1053160	20.914	ng/ul	98
16) Acetophenone	8.745	105	940192	19.602	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.728	70	478178	20.852	ng/ul	99
18) 4-Methylphenol	8.692	108	614206	18.854	ng/ul	99
19) Hexachloroethane	8.998	117	257736	20.641	ng/ul	95
22) Nitrobenzene	9.128	77	711821	19.742	ng/ul	99
23) Isophorone	9.657	82	1253410	19.864	ng/ul	100
25) 2-Nitrophenol	9.839	139	326249	19.844	ng/ul	95
26) 2,4-Dimethylphenol	9.898	107	657524	19.170	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.134	93	843861	20.237	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	586030	19.437	ng/ul	99
30) Naphthalene	10.781	128	1953337	18.927	ng/ul	99
32) 4-Chloroaniline	10.892	127	791993	18.555	ng/ul	100
33) Hexachlorobutadiene	11.057	225	431233	19.918	ng/ul	98
34) Caprolactam	11.681	113	143787	16.030	ng/ul	97
35) 4-Chloro-3-methylphenol	12.016	107	560909	19.277	ng/ul	99
36) 2-Methylnaphthalene	12.386	142	1281293	19.413	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1315098	19.209	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	788196	19.005	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	459450	18.415	ng/ul	98
41) 2,4,6-Trichlorophenol	12.992	196	473191	19.396	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	508117	19.139	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	1768121	19.252	ng/ul	100
44) 2-Chloronaphthalene	13.439	162	1389774	18.753	ng/ul	100
45) 2-Nitroaniline	13.645	65	346365	19.313	ng/ul	98
47) Dimethylphthalate	14.016	163	1686781	19.156	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	296183	19.424	ng/ul	96
50) Acenaphthylene	14.286	152	2076294	19.311	ng/ul	100
51) 3-Nitroaniline	14.474	138	256303	15.869	ng/ul	97
52) Acenaphthene	14.627	153	1442030	18.739	ng/ul	100
53) 2,4-Dinitrophenol	14.680	184	177881	15.672	ng/ul	99
55) 4-Nitrophenol	14.780	109	214131	17.463	ng/ul	100
56) Dibenzofuran	14.963	168	2056945	18.611	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	440293	19.425	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.186	232	440218	19.008	ng/ul	94
59) Diethylphthalate	15.380	149	1603590	19.457	ng/ul	99
61) Fluorene	15.610	166	1672886	18.962	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	891623	19.354	ng/ul	96
63) 4-Nitroaniline	15.633	138	244299	16.360	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.692	198	295594	17.995	ng/ul	96
67) N-Nitrosodiphenylamine	15.821	169	1370491	19.307	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	534400	19.657	ng/ul	98
69) Hexachlorobenzene	16.621	284	624325	19.046	ng/ul	98
70) Atrazine	16.780	200	509136	18.762	ng/ul	99
71) Pentachlorophenol	16.968	266	347428	17.807	ng/ul	99
72) Phenanthrene	17.363	178	2633856	18.876	ng/ul	100
74) Anthracene	17.457	178	2652207	19.243	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	773379	19.512	ng/uL	100
76) Pentachlorobenzene	14.880	250	749786	19.430	ng/uL	98
77) Carbazole	17.727	167	2265289	18.975	ng/ul	99
78) Di-n-butylphthalate	18.268	149	2594101	22.157	ng/ul	99
80) Fluoranthene	19.327	202	3132148	18.642	ng/ul	100
82) Pyrene	19.680	202	3345603	18.793	ng/ul	97
83) Butylbenzylphthalate	20.551	149	1150794	21.303	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.327	252	997188	20.055	ng/ul	99
85) Benzo(a)anthracene	21.392	228	3407201	19.069	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1773033	23.563	ng/ul	100
87) Chrysene	21.451	228	3301438	18.957	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2984547	22.790	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	3686057	19.077	ng/ul	100
91) Benzo(k)fluoranthene	23.168	252	3430056	18.604	ng/ul	100
93) Benzo(a)pyrene	23.762	252	3204176	18.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.444	276	4358407	18.541	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	3650865	18.618	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	3538334	18.301	ng/ul	98

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

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