Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013122.D
Acq On : 19 Dec 2022 12:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020707

Quant Time: Dec 19 21:45:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	576028	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	2502947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1594186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	3419333	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2506190	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1991614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	105816	7.854	ng/uL	0.00
4) Pyridine-d5	3.764	84	769590	20.109	ng/ul	0.00
7) Phenol-d5	7.110	99	952764	20.307	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	619737	21.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	758566	20.538	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	774240	20.139	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	367486	19.983	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	415211	20.055	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	813345	20.226	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	1108621	19.528	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2370199	19.345	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	2734130	20.309	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	400108	18.155	ng/ul	0.00
60) Fluorene-d10	15.592	176	2058929	19.864	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	384240	17.462	ng/ul	0.00
73) Anthracene-d10	17.457	188	3085560	20.002	ng/ul	0.00
81) Pyrene-d10	19.686	212	3365979	23.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	1960478	19.749	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	113353	8.060	ng/uL	93
5) Pyridine	3.787	79	776993	20.428	ng/ul	98
6) Benzaldehyde	7.093	77	383791	20.890	ng/ul	96
8) Phenol	7.140	94	976337	20.581	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.375	93	819210	21.040	ng/ul	96
12) 2-Chlorophenol	7.516	128	780244	20.600	ng/ul	96
13) 2-Methylphenol	8.399	108	741262	20.043	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1225637	22.940	ng/ul	97
16) Acetophenone	8.787	105	1265589	21.470	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	635929	21.454	ng/ul	94
18) 4-Methylphenol	8.728	108	822141	20.069	ng/ul	95
19) Hexachloroethane	9.046	117	310835	20.536	ng/ul	95
22) Nitrobenzene	9.169	77	930833	21.570	ng/ul	96
23) Isophorone	9.699	82	1746536	20.016	ng/ul	98
25) 2-Nitrophenol	9.881	139	453446	20.214	ng/ul	93
26) 2,4-Dimethylphenol	9.940	107	898719	20.533	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	1133602	20.318	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	797143	20.236	ng/ul	98
30) Naphthalene	10.822	128	2635334	20.132	ng/ul	99
32) 4-Chloroaniline	10.934	127	1119218	19.922	ng/ul	100
33) Hexachlorobutadiene	11.104	225	548374	20.275	ng/ul	99
34) Caprolactam	11.716	113	221835	16.516	ng/ul	96
35) 4-Chloro-3-methylphenol	12.051	107	812039	20.200	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	1804895	20.099	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	1833702	19.855	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	1069616	20.837	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	603927	18.079	ng/ul	100
41) 2,4,6-Trichlorophenol	13.034	196	671961	20.369	ng/ul	100
42) 2,4,5-Trichlorophenol	13.098	196	725916	20.485	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	2461502	20.559	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	1936792	20.553	ng/ul	100
45) 2-Nitroaniline	13.681	65	495358	21.682	ng/ul	96
47) Dimethylphthalate	14.051	163	2382265	19.618	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	439845	19.490	ng/ul	96
50) Acenaphthylene	14.322	152	2946952	20.361	ng/ul	100
51) 3-Nitroaniline	14.504	138	373393	17.522	ng/ul	95
52) Acenaphthene	14.663	153	2020047	20.140	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	238659	15.471	ng/ul	97
55) 4-Nitrophenol	14.804	109	298591	19.856	ng/ul	95
56) Dibenzofuran	14.998	168	2872417	20.143	ng/ul	100
57) 2,4-Dinitrotoluene	14.963	165	633377	19.321	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.222	232	628552	19.436	ng/ul	99
59) Diethylphthalate	15.416	149	2254700	19.100	ng/ul	100
61) Fluorene	15.645	166	2347669	20.527	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	1222708	20.216	ng/ul	99
63) 4-Nitroaniline	15.669	138	333137	17.766	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.722	198	391635	18.213	ng/ul#	93
67) N-Nitrosodiphenylamine	15.857	169	1952303	20.594	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	730314	19.667	ng/ul	98
69) Hexachlorobenzene	16.657	284	858177	19.464	ng/ul	99
70) Atrazine	16.810	200	694043	18.787	ng/ul	99
71) Pentachlorophenol	16.998	266	483640	18.113	ng/ul	98
72) Phenanthrene	17.398	178	3595383	20.187	ng/ul	100
74) Anthracene	17.492	178	3634699	20.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	1043937	21.399	ng/uL	99
76) Pentachlorobenzene	14.916	250	1028042	20.669	ng/uL	99
77) Carbazole	17.757	167	3093475	20.656	ng/ul	99
78) Di-n-butylphthalate	18.298	149	3411443	18.708	ng/ul	99
80) Fluoranthene	19.363	202	3973535	24.337	ng/ul	98
82) Pyrene	19.716	202	4113730	24.425	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1240183	19.060	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	936049	16.533	ng/ul	98
85) Benzo(a)anthracene	21.421	228	3367116	20.238	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1456283	15.867	ng/ul	99
87) Chrysene	21.480	228	3216849	20.446	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	1947837	17.458	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	2646444	20.838	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	2639154	20.957	ng/ul	99
93) Benzo(a)pyrene	23.810	252	2224528	20.117	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	2696518	19.576	ng/ul	100
95) Dibenzo(a,h)anthracene	26.533	278	2239073	19.633	ng/ul	100
96) Benzo(g,h,i)perylene	27.315	276	2186956	19.777	ng/ul	100

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

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