Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018721.D
Acq On : 11 Dec 2023 11:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020718

Quant Time: Dec 11 11:40:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	232056	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	914233	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	652463	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1509197	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1595757	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1840718	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	63817	9.371	ng/uL	0.00
4) Pyridine-d5	3.681	84	430029	23.576	ng/ul	0.00
7) Phenol-d5	7.011	99	425809	18.285	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	248970	18.038	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	334458	18.406	ng/ul	-0.01
15) 4-Methylphenol-d8	8.558	113	325711	17.282	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	152438	18.734	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.722	143	157715	18.695	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.263	165	333247	19.319	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	455768	20.217	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	1114882	19.145	ng/ul	-0.02
49) Acenaphthylene-d8	14.163	160	1259670	19.645	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.675	143	198022	20.716	ng/ul	-0.01
60) Fluorene-d10	15.463	176	982903	20.108	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.587	200	171967	19.004	ng/ul	0.00
73) Anthracene-d10	17.322	188	1569894	19.787	ng/ul	0.00
81) Pyrene-d10	19.557	212	1974337	15.894	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.527	264	2057629	19.172	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	69185	9.265	ng/uL	96
5) Pyridine	3.705	79	423692	23.002	ng/ul	95
6) Benzaldehyde	6.987	77	248285	20.650	ng/ul	94
8) Phenol	7.040	94	422638	18.506	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	345450	18.419	ng/ul	98
12) 2-Chlorophenol	7.405	128	338603	18.412	ng/ul	98
13) 2-Methylphenol	8.287	108	308141	17.624	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.369	45	401312	16.863	ng/ul	98
16) Acetophenone	8.669	105	496725	17.685	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.658	70	235497	15.241	ng/ul	99
18) 4-Methylphenol	8.616	108	337973	17.703	ng/ul	98
19) Hexachloroethane	8.916	117	142331	18.878	ng/ul	95
22) Nitrobenzene	9.046	77	372076	18.807	ng/ul	99
23) Isophorone	9.575	82	679481	16.845	ng/ul	99
25) 2-Nitrophenol	9.758	139	172756	19.126	ng/ul	98
26) 2,4-Dimethylphenol	9.822	107	321013	18.172	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.057	93	436214	17.129	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	320131	19.267	ng/ul	96
30) Naphthalene	10.687	128	1072666	19.341	ng/ul	100
32) 4-Chloroaniline	10.805	127	440215	20.488	ng/ul	99
33) Hexachlorobutadiene	10.975	225	268699	24.147	ng/ul	99
34) Caprolactam	11.581	113	101001	19.824	ng/ul	94
35) 4-Chloro-3-methylphenol	11.928	107	378806	20.351	ng/ul	99
36) 2-Methylnaphthalene	12.299	142	831282	21.157	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	840974	21.194	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	496417	20.970	ng/ul	97
40) Hexachlorocyclopentadiene	12.646	237	253353	18.056	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	305868	20.086	ng/ul	100
42) 2,4,5-Trichlorophenol	12.975	196	331168	20.059	ng/ul	97
43) 1,1'-Biphenyl	13.310	154	1110800	19.685	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	893584	20.050	ng/ul	98
45) 2-Nitroaniline	13.557	65	223873	18.529	ng/ul	98
47) Dimethylphthalate	13.934	163	1102178	19.228	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	206266	19.046	ng/ul	95
50) Acenaphthylene	14.193	152	1424729	19.762	ng/ul	100
51) 3-Nitroaniline	14.381	138	225968	20.902	ng/ul	100
52) Acenaphthene	14.534	153	938058	19.679	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	109057	19.000	ng/ul	96
55) 4-Nitrophenol	14.687	109	156401	21.657	ng/ul	99
56) Dibenzofuran	14.869	168	1333021	20.121	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	311643	20.457	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	287254	20.743	ng/ul#	94
59) Diethylphthalate	15.298	149	1062802	18.947	ng/ul	100
61) Fluorene	15.522	166	1076480	20.535	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	562592	20.463	ng/ul	97
63) 4-Nitroaniline	15.545	138	239530	23.258	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.598	198	190856	19.727	ng/ul	94
67) N-Nitrosodiphenylamine	15.734	169	925397	18.504	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	358592	18.821	ng/ul	94
69) Hexachlorobenzene	16.522	284	417528	19.628	ng/ul	99
70) Atrazine	16.687	200	309556	20.820	ng/ul	99
71) Pentachlorophenol	16.869	266	254825	20.142	ng/ul	98
72) Phenanthrene	17.263	178	1782259	19.553	ng/ul	100
74) Anthracene	17.357	178	1839233	20.131	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	496147	19.013	ng/uL	99
76) Pentachlorobenzene	14.787	250	488883	19.072	ng/uL	99
77) Carbazole	17.628	167	1656814	22.753	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1827411	18.847	ng/ul	99
80) Fluoranthene	19.233	202	2243808	15.282	ng/ul	97
82) Pyrene	19.586	202	2367203	15.981	ng/ul	96
83) Butylbenzylphthalate	20.463	149	837264	15.440	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	781813	20.161	ng/ul	100
85) Benzo(a)anthracene	21.298	228	2484587	19.182	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1246623	16.726	ng/ul	99
87) Chrysene	21.345	228	2338014	19.601	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	2147319	15.978	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	2545331	18.755	ng/ul	100
91) Benzo(k)fluoranthene	23.004	252	2499015	19.031	ng/ul	99
93) Benzo(a)pyrene	23.574	252	2391039	19.281	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.145	276	2936318	19.818	ng/ul	97
95) Dibenzo(a,h)anthracene	26.163	278	2444680	19.834	ng/ul	98
96) Benzo(g,h,i)perylene	26.904	276	2355758	19.756	ng/ul	97

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

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