Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018665.D
Acq On : 07 Dec 2023 08:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 103 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020713

Quant Time: Dec 07 08:39:02 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	7.852	152	251156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	925073	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	522184	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1109283	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1360201	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1859886	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	57111	7.749	ng/uL	0.00
4) Pyridine-d5	3.681	84	376915	19.092	ng/ul	0.00
7) Phenol-d5	7.016	99	433871	17.214	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	262606	17.579	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	344481	17.516	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	334303	16.389	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	161496	19.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	176466	20.673	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	340646	19.516	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.787	131	424435	18.606	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	864211	18.543	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	1003496	19.554	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	144525	18.892	ng/ul	0.00
60) Fluorene-d10	15.469	176	730651	18.677	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	118433	17.806	ng/ul	0.00
73) Anthracene-d10	17.328	188	1124179	19.277	ng/ul	0.00
81) Pyrene-d10	19.563	212	1475565	13.936	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	2036915	18.783	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	61961	7.666	ng/uL	98
5) Pyridine	3.705	79	380295	19.076	ng/ul	95
6) Benzaldehyde	6.987	77	265241	20.383	ng/ul	99
8) Phenol	7.046	94	429108	17.361	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.275	93	357082	17.591	ng/ul	99
12) 2-Chlorophenol	7.410	128	349024	17.535	ng/ul	99
13) 2-Methylphenol	8.293	108	315338	16.664	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.375	45	425952	16.538	ng/ul	98
16) Acetophenone	8.675	105	516645	16.996	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.663	70	252954	15.126	ng/ul	99
18) 4-Methylphenol	8.628	108	332547	16.094	ng/ul	98
19) Hexachloroethane	8.928	117	151163	18.525	ng/ul	83
22) Nitrobenzene	9.052	77	393078	19.636	ng/ul	99
23) Isophorone	9.581	82	700767	17.169	ng/ul	98
25) 2-Nitrophenol	9.763	139	186761	20.434	ng/ul	96
26) 2,4-Dimethylphenol	9.828	107	332770	18.616	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.063	93	447374	17.362	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	318997	18.974	ng/ul	98
30) Naphthalene	10.693	128	1050715	18.723	ng/ul	100
32) 4-Chloroaniline	10.810	127	405572	18.654	ng/ul	99
33) Hexachlorobutadiene	10.981	225	259825	23.075	ng/ul	99
34) Caprolactam	11.581	113	75325	14.611	ng/ul	93
35) 4-Chloro-3-methylphenol	11.934	107	305845	16.239	ng/ul	99
36) 2-Methylnaphthalene	12.304	142	689030	17.331	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	698368	17.394	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	429628	22.677	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	231931	20.654	ng/ul	97
41) 2,4,6-Trichlorophenol	12.910	196	251709	20.653	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	265393	20.086	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	897654	19.877	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	716626	20.091	ng/ul	99
45) 2-Nitroaniline	13.563	65	179223	18.535	ng/ul	99
47) Dimethylphthalate	13.940	163	834672	18.194	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	162535	18.752	ng/ul	95
50) Acenaphthylene	14.198	152	1102596	19.110	ng/ul	100
51) 3-Nitroaniline	14.387	138	168995	19.532	ng/ul	99
52) Acenaphthene	14.540	153	726688	19.048	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	73566	16.015	ng/ul	95
55) 4-Nitrophenol	14.692	109	126783	21.936	ng/ul	88
56) Dibenzofuran	14.875	168	1014166	19.127	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	232537	19.073	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	224376	20.245	ng/ul	95
59) Diethylphthalate	15.304	149	800479	17.831	ng/ul	100
61) Fluorene	15.528	166	796702	18.989	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	434175	19.732	ng/ul	99
63) 4-Nitroaniline	15.545	138	168980	20.501	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.604	198	130965	18.417	ng/ul	94
67) N-Nitrosodiphenylamine	15.739	169	663752	18.057	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	274944	19.633	ng/ul	98
69) Hexachlorobenzene	16.528	284	322629	20.634	ng/ul	98
70) Atrazine	16.692	200	222677	20.376	ng/ul	97
71) Pentachlorophenol	16.875	266	204533	21.995	ng/ul	99
72) Phenanthrene	17.269	178	1270870	18.969	ng/ul	100
74) Anthracene	17.357	178	1289437	19.201	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	421382	21.969	ng/uL	99
76) Pentachlorobenzene	14.792	250	391661	20.788	ng/uL	100
77) Carbazole	17.633	167	1162129	21.713	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1310578	18.390	ng/ul	100
80) Fluoranthene	19.239	202	1654188	13.217	ng/ul#	94
82) Pyrene	19.586	202	1776431	14.070	ng/ul	96
83) Butylbenzylphthalate	20.469	149	671406	14.526	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	684260	20.701	ng/ul	98
85) Benzo(a)anthracene	21.298	228	2058331	18.643	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	998108	15.711	ng/ul	100
87) Chrysene	21.351	228	1909276	18.779	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	2078903	15.309	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	2478230	18.072	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	2391233	18.022	ng/ul	99
93) Benzo(a)pyrene	23.580	252	2336591	18.648	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.151	276	2914947	19.471	ng/ul	98
95) Dibenzo(a,h)anthracene	26.174	278	2431871	19.527	ng/ul	98
96) Benzo(g,h,i)perylene	26.909	276	2352689	19.527	ng/ul	97

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

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