Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018318.D
Acq On : 23 Nov 2023 16:41
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020689

Quant Time: Nov 23 23:53:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	422823	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.675	136	1786689	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1098376	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2051744	20.000	ng/ul	-0.01
79) Chrysene-d12	21.357	240	1259331	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1478152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	89223	7.904	ng/uL	0.00
4) Pyridine-d5	3.687	84	617592	19.907	ng/ul	0.00
7) Phenol-d5	7.028	99	770752	19.946	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	460404	19.925	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	628800	19.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	626234	20.082	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	303797	20.934	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	285958	21.336	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	652561	20.181	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.810	131	916322	21.012	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1896039	19.400	ng/ul	-0.01
49) Acenaphthylene-d8	14.198	160	2213076	19.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	253620	18.797	ng/ul	0.00
60) Fluorene-d10	15.498	176	1595678	19.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	167583	19.187	ng/ul	0.00
73) Anthracene-d10	17.351	188	2192681	19.994	ng/ul	-0.01
81) Pyrene-d10	19.592	212	2012967	20.084	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	1673470	19.528	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	93786	7.748	ng/uL#	90
5) Pyridine	3.711	79	618564	19.788	ng/ul	95
6) Benzaldehyde	7.010	77	458203	22.408	ng/ul	98
8) Phenol	7.058	94	758463	20.010	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	640297	20.279	ng/ul	99
12) 2-Chlorophenol	7.434	128	631889	19.413	ng/ul	98
13) 2-Methylphenol	8.316	108	596167	20.193	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	858441	19.127	ng/ul	97
16) Acetophenone	8.699	105	987919	20.703	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.687	70	481669	18.070	ng/ul	95
18) 4-Methylphenol	8.646	108	651639	20.669	ng/ul	97
19) Hexachloroethane	8.952	117	261046	19.204	ng/ul	98
22) Nitrobenzene	9.075	77	680856	20.026	ng/ul	98
23) Isophorone	9.604	82	1395615	18.417	ng/ul	98
25) 2-Nitrophenol	9.787	139	323115	21.427	ng/ul	95
26) 2,4-Dimethylphenol	9.846	107	657477	19.420	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	889731	19.442	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	627348	20.255	ng/ul	98
30) Naphthalene	10.722	128	2148465	19.882	ng/ul	100
32) 4-Chloroaniline	10.834	127	868640	21.108	ng/ul	99
33) Hexachlorobutadiene	11.010	225	432514	20.474	ng/ul	98
34) Caprolactam	11.593	113	167534	18.770	ng/ul	92
35) 4-Chloro-3-methylphenol	11.951	107	628165	18.969	ng/ul	97
36) 2-Methylnaphthalene	12.334	142	1488597	19.464	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1507084	19.577	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	826096	21.295	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	439927	20.023	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	488756	20.980	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	534229	21.207	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	1959747	20.478	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	1551071	20.478	ng/ul	99
45) 2-Nitroaniline	13.581	65	328820	20.176	ng/ul	92
47) Dimethylphthalate	13.969	163	1877477	19.633	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	336715	20.885	ng/ul	95
50) Acenaphthylene	14.228	152	2487871	20.042	ng/ul	99
51) 3-Nitroaniline	14.404	138	336475	21.005	ng/ul	94
52) Acenaphthene	14.569	153	1616258	19.932	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	99773	17.738	ng/ul	98
55) 4-Nitrophenol	14.704	109	184879	18.496	ng/ul	97
56) Dibenzofuran	14.904	168	2218745	20.014	ng/ul	97
57) 2,4-Dinitrotoluene	14.863	165	442249	20.299	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.122	232	399551	20.196	ng/ul	97
59) Diethylphthalate	15.334	149	1785040	18.582	ng/ul	99
61) Fluorene	15.551	166	1755685	19.420	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	911355	19.852	ng/ul	99
63) 4-Nitroaniline	15.569	138	307619	20.348	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	189038	19.515	ng/ul	98
67) N-Nitrosodiphenylamine	15.763	169	1452808	20.881	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	526952	20.342	ng/ul	99
69) Hexachlorobenzene	16.551	284	614890	21.232	ng/ul	95
70) Atrazine	16.722	200	434990	20.479	ng/ul	100
71) Pentachlorophenol	16.898	266	292695	19.670	ng/ul	99
72) Phenanthrene	17.292	178	2486350	19.923	ng/ul	99
74) Anthracene	17.386	178	2527497	20.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	824153	23.369	ng/uL	99
76) Pentachlorobenzene	14.822	250	777126	22.685	ng/uL	98
77) Carbazole	17.657	167	2055599	20.142	ng/ul	99
78) Di-n-butylphthalate	18.222	149	2505212	17.648	ng/ul	100
80) Fluoranthene	19.263	202	2416902	20.185	ng/ul	100
82) Pyrene	19.616	202	2415413	20.033	ng/ul	100
83) Butylbenzylphthalate	20.510	149	715841	16.043	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	583996	19.173	ng/ul	98
85) Benzo(a)anthracene	21.339	228	2027115	19.751	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	1057263	15.793	ng/ul	100
87) Chrysene	21.392	228	1872359	20.048	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	1575885	14.481	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2011515	18.735	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	2019843	18.898	ng/ul	99
93) Benzo(a)pyrene	23.674	252	1963563	19.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	2543645	22.280	ng/ul	99
95) Dibenzo(a,h)anthracene	26.368	278	2110735	22.583	ng/ul	98
96) Benzo(g,h,i)perylene	27.109	276	2098506	22.696	ng/ul	99

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

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