Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008517.D
Acq On : 23 Dec 2021 09:23
Operator : CG/JU
Sample : SSTD01037
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010644

Quant Time: Dec 23 11:59:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 11:56:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	490740	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1988327	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1340773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	2751294	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2400255	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	2112142	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	46920	4.174	ng/uL	0.00
4) Pyridine-d5	3.758	84	323900	10.313	ng/ul	0.00
7) Phenol-d5	7.057	99	405164	10.010	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	237397	10.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	331959	10.304	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	320752	9.775	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	145545	10.568	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	122126	9.890	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	336062	10.539	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	484002	10.953	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	1093010	10.892	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1377105	10.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	145597	9.735	ng/ul	0.00
60) Fluorene-d10	15.528	176	950869	11.034	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	92721	8.314	ng/ul	0.00
73) Anthracene-d10	17.380	188	1466831	11.130	ng/ul	0.00
81) Pyrene-d10	19.610	212	1574071	10.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1145496	10.498	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	51895	4.301	ng/uL	98
5) Pyridine	3.775	79	340386	10.528	ng/ul	98
6) Benzaldehyde	7.040	77	269792	11.525	ng/ul	96
8) Phenol	7.087	94	426670	10.292	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	342419	10.348	ng/ul	97
12) 2-Chlorophenol	7.469	128	350635	10.546	ng/ul	98
13) 2-Methylphenol	8.346	108	321203	9.883	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	404556	10.418	ng/ul	99
16) Acetophenone	8.722	105	538152	10.704	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	268184	10.338	ng/ul	98
18) 4-Methylphenol	8.669	108	351105	10.117	ng/ul	99
19) Hexachloroethane	8.993	117	143173	10.659	ng/ul	96
22) Nitrobenzene	9.099	77	351788	10.887	ng/ul	98
23) Isophorone	9.628	82	745957	10.347	ng/ul	99
25) 2-Nitrophenol	9.816	139	146129	10.259	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	382749	10.592	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.116	93	466877	10.711	ng/ul	98
29) 2,4-Dichlorophenol	10.351	162	342572	10.887	ng/ul	99
30) Naphthalene	10.757	128	1173587	11.173	ng/ul	99
32) 4-Chloroaniline	10.857	127	497649	11.164	ng/ul	98
33) Hexachlorobutadiene	11.057	225	238171	11.035	ng/ul	98
34) Caprolactam	11.610	113	90844	12.040	ng/ul	99
35) 4-Chloro-3-methylphenol	11.981	107	335098	10.465	ng/ul	99
36) 2-Methylnaphthalene	12.363	142	827089	10.960	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	848898	11.084	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	467751	11.005	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	281324	9.706	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	255185	11.008	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	281189	11.534	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	1154883	11.089	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	887079	11.095	ng/ul	99
45) 2-Nitroaniline	13.604	65	158694	10.091	ng/ul	99
47) Dimethylphthalate	13.992	163	1088725	10.883	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	173763	10.397	ng/ul	99
50) Acenaphthylene	14.257	152	1423895	11.126	ng/ul	99
51) 3-Nitroaniline	14.422	138	179772	10.192	ng/ul	93
52) Acenaphthene	14.598	153	925010	11.134	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	54865	8.674	ng/ul	98
55) 4-Nitrophenol	14.722	109	109949	10.312	ng/ul	98
56) Dibenzofuran	14.934	168	1349246	11.214	ng/ul	100
57) 2,4-Dinitrotoluene	14.886	165	241576	10.484	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	207580	10.443	ng/ul	99
59) Diethylphthalate	15.357	149	1064551	10.772	ng/ul	99
61) Fluorene	15.581	166	1093901	11.307	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	570942	11.284	ng/ul	99
63) 4-Nitroaniline	15.586	138	183725	11.295	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.645	198	101071	8.491	ng/ul#	94
67) N-Nitrosodiphenylamine	15.786	169	944046	11.070	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	338920	10.649	ng/ul	98
69) Hexachlorobenzene	16.592	284	396346	10.890	ng/ul	99
70) Atrazine	16.739	200	332977	10.350	ng/ul	99
71) Pentachlorophenol	16.933	266	164143	9.121	ng/ul	96
72) Phenanthrene	17.328	178	1711780	11.282	ng/ul	99
74) Anthracene	17.416	178	1727642	11.334	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	501180	10.824	ng/uL	98
76) Pentachlorobenzene	14.857	250	466224	10.929	ng/uL	100
77) Carbazole	17.680	167	1501333	11.546	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1682282	10.553	ng/ul	100
80) Fluoranthene	19.286	202	1901349	10.431	ng/ul	99
82) Pyrene	19.639	202	1968135	10.819	ng/ul	97
83) Butylbenzylphthalate	20.521	149	565422	9.210	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	529501	10.437	ng/ul	99
85) Benzo(a)anthracene	21.351	228	1707203	10.927	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	886936	9.515	ng/ul#	99
87) Chrysene	21.404	228	1654531	11.058	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1259847	9.073	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1489802	10.444	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	1480427	11.120	ng/ul	98
93) Benzo(a)pyrene	23.686	252	1449228	10.760	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	1555992	10.367	ng/ul	99
95) Dibenzo(a,h)anthracene	26.345	278	1359102	10.537	ng/ul	99
96) Benzo(g,h,i)perylene	27.098	276	1294207	10.417	ng/ul	99

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

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