Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008522.D
Acq On : 23 Dec 2021 12:13
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV649

Quant Time: Dec 23 14:48:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	426991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1704531	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1088059	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	2210610	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2243441	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	2337611	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	68950	7.279	ng/uL	0.00
4) Pyridine-d5	3.758	84	486980	18.369	ng/ul	0.00
7) Phenol-d5	7.064	99	601082	17.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	366554	18.946	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	500227	18.460	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	469909	17.196	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	221346	18.352	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	213018	19.262	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	515057	18.973	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	669428	17.864	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	1453873	18.085	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1893751	18.839	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	225178	17.670	ng/ul	0.00
60) Fluorene-d10	15.528	176	1244317	17.827	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	152162	15.637	ng/ul	0.00
73) Anthracene-d10	17.381	188	1866378	17.817	ng/ul	0.00
81) Pyrene-d10	19.610	212	2066079	15.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	2294655	19.073	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	69812	6.816	ng/uL	97
5) Pyridine	3.776	79	400769	14.734	ng/ul	98
6) Benzaldehyde	7.040	77	378040	19.471	ng/ul	97
8) Phenol	7.087	94	610041	17.430	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	484426	17.293	ng/ul	98
12) 2-Chlorophenol	7.469	128	510461	18.049	ng/ul	98
13) 2-Methylphenol	8.346	108	467905	17.254	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	566379	17.553	ng/ul	99
16) Acetophenone	8.722	105	761988	18.026	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	365475	17.371	ng/ul	99
18) 4-Methylphenol	8.669	108	501404	17.270	ng/ul	98
19) Hexachloroethane	8.993	117	202498	17.589	ng/ul	98
22) Nitrobenzene	9.105	77	520653	18.708	ng/ul	98
23) Isophorone	9.634	82	974333	16.694	ng/ul	98
25) 2-Nitrophenol	9.816	139	245523	19.291	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	539952	17.952	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.116	93	630508	17.283	ng/ul	98
29) 2,4-Dichlorophenol	10.352	162	499612	18.348	ng/ul	98
30) Naphthalene	10.758	128	1644496	18.227	ng/ul	99
32) 4-Chloroaniline	10.858	127	696454	18.328	ng/ul	99
33) Hexachlorobutadiene	11.057	225	346228	18.338	ng/ul	99
34) Caprolactam	11.610	113	135172	17.422	ng/ul	96
35) 4-Chloro-3-methylphenol	11.981	107	471874	17.676	ng/ul	98
36) 2-Methylnaphthalene	12.369	142	1212795	18.996	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1115675	17.165	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	652712	18.585	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	421787	17.945	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	380889	19.099	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	408361	18.816	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	1473950	17.475	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	1198983	18.437	ng/ul	98
45) 2-Nitroaniline	13.604	65	245831	18.808	ng/ul	100
47) Dimethylphthalate	13.993	163	1443315	17.995	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	295646	20.737	ng/ul	93
50) Acenaphthylene	14.257	152	1852668	18.012	ng/ul	99
51) 3-Nitroaniline	14.428	138	296319	20.169	ng/ul#	97
52) Acenaphthene	14.598	153	1231582	18.337	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	95241	15.826	ng/ul	94
55) 4-Nitrophenol	14.728	109	158702	17.912	ng/ul	99
56) Dibenzofuran	14.934	168	1787045	18.196	ng/ul	100
57) 2,4-Dinitrotoluene	14.887	165	374783	18.999	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	326244	19.352	ng/ul	98
59) Diethylphthalate	15.357	149	1386315	17.696	ng/ul	99
61) Fluorene	15.581	166	1437147	18.367	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	741666	17.870	ng/ul	100
63) 4-Nitroaniline	15.587	138	295173	21.920	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	164071	15.935	ng/ul	99
67) N-Nitrosodiphenylamine	15.793	169	1239155	18.330	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	454261	17.917	ng/ul	99
69) Hexachlorobenzene	16.593	284	523534	17.736	ng/ul	97
70) Atrazine	16.745	200	435822	16.989	ng/ul	99
71) Pentachlorophenol	16.934	266	250743	16.619	ng/ul	99
72) Phenanthrene	17.328	178	2207885	18.134	ng/ul	99
74) Anthracene	17.416	178	2254170	18.464	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	633086	16.883	ng/uL	99
76) Pentachlorobenzene	14.857	250	606477	17.617	ng/uL	100
77) Carbazole	17.681	167	1981140	19.043	ng/ul	99
78) Di-n-butylphthalate	18.245	149	2297733	18.916	ng/ul	100
80) Fluoranthene	19.286	202	2548250	15.943	ng/ul	98
82) Pyrene	19.639	202	2645002	16.423	ng/ul	97
83) Butylbenzylphthalate	20.522	149	941532	17.248	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.280	252	1006544	21.183	ng/ul	100
85) Benzo(a)anthracene	21.345	228	2607520	18.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1554870	18.766	ng/ul	100
87) Chrysene	21.398	228	2493131	17.829	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	2506551	16.839	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2687792	17.352	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2681300	17.935	ng/ul	99
93) Benzo(a)pyrene	23.686	252	2645800	17.844	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.327	276	3187242	19.493	ng/ul	98
95) Dibenzo(a,h)anthracene	26.345	278	2713105	19.123	ng/ul	99
96) Benzo(g,h,i)perylene	27.098	276	2614104	19.343	ng/ul	100

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

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