Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008544.D
Acq On : 24 Dec 2021 02:09
Operator : CG/JU
Sample : PB141581BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS581

Quant Time: Dec 24 04:16:22 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	7.904	152	400273	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1506598	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	896371	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	1777324	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1860203	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	2001595	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	70158	7.900	ng/uL	0.00
4) Pyridine-d5	3.758	84	759680	30.569	ng/ul	0.00
7) Phenol-d5	7.063	99	1163244	36.429	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	650030	35.840	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	967193	38.076	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	888880	34.700	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	437600	41.047	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	418486	42.812	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	937921	39.088	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	776886	23.455	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	2525328	38.130	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	3295247	39.792	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	422862	40.279	ng/ul	0.00
60) Fluorene-d10	15.528	176	2197896	38.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	290427	37.121	ng/ul	0.00
73) Anthracene-d10	17.380	188	3384303	40.183	ng/ul	0.00
81) Pyrene-d10	19.610	212	3880825	34.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	4145962	40.245	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	136772	14.246	ng/uL	99
5) Pyridine	3.775	79	885046	34.709	ng/ul	97
6) Benzaldehyde	7.034	77	583308	32.048	ng/ul	97
8) Phenol	7.087	94	1146439	34.941	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	893573	34.029	ng/ul	98
12) 2-Chlorophenol	7.463	128	946974	35.719	ng/ul	97
13) 2-Methylphenol	8.340	108	846030	33.280	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	997568	32.980	ng/ul	99
16) Acetophenone	8.722	105	1310491	33.071	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	630484	31.967	ng/ul	98
18) 4-Methylphenol	8.669	108	910476	33.453	ng/ul	98
19) Hexachloroethane	8.993	117	384155	35.595	ng/ul	98
22) Nitrobenzene	9.099	77	927730	37.714	ng/ul	99
23) Isophorone	9.628	82	1754510	34.010	ng/ul	100
25) 2-Nitrophenol	9.816	139	458656	40.771	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	949787	35.726	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	1111878	34.483	ng/ul	100
29) 2,4-Dichlorophenol	10.351	162	885629	36.797	ng/ul	99
30) Naphthalene	10.757	128	2870029	35.989	ng/ul	99
32) 4-Chloroaniline	10.857	127	964933	28.729	ng/ul	99
33) Hexachlorobutadiene	11.057	225	612001	36.673	ng/ul	98
34) Caprolactam	11.610	113	236186	34.441	ng/ul	97
35) 4-Chloro-3-methylphenol	11.981	107	814855	34.533	ng/ul	99
36) 2-Methylnaphthalene	12.363	142	1957834	34.695	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	2010291	34.993	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	1114230	38.511	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	684040	35.327	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	653369	39.768	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	711202	39.779	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	2595807	37.357	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	2015051	37.612	ng/ul	99
45) 2-Nitroaniline	13.604	65	426454	39.604	ng/ul	97
47) Dimethylphthalate	13.992	163	2395295	36.251	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	461231	39.269	ng/ul	93
50) Acenaphthylene	14.257	152	3169291	37.403	ng/ul	99
51) 3-Nitroaniline	14.428	138	410466	33.913	ng/ul#	98
52) Acenaphthene	14.598	153	2050544	37.060	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	169154	34.120	ng/ul	97
55) 4-Nitrophenol	14.728	109	279011	38.225	ng/ul	99
56) Dibenzofuran	14.934	168	2970345	36.713	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	647979	39.873	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	538431	38.768	ng/ul	97
59) Diethylphthalate	15.357	149	2302001	35.668	ng/ul	100
61) Fluorene	15.581	166	2377020	36.876	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	1230653	35.993	ng/ul	99
63) 4-Nitroaniline	15.586	138	462590	41.699	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	294197	35.538	ng/ul	98
67) N-Nitrosodiphenylamine	15.786	169	2035736	37.454	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	747860	36.688	ng/ul	97
69) Hexachlorobenzene	16.586	284	867502	36.553	ng/ul	98
70) Atrazine	16.745	200	690459	33.477	ng/ul	99
71) Pentachlorophenol	16.928	266	449391	37.047	ng/ul	98
72) Phenanthrene	17.322	178	3729519	38.099	ng/ul	100
74) Anthracene	17.416	178	3739878	38.101	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	1118855	37.110	ng/uL	100
76) Pentachlorobenzene	14.857	250	1035253	37.404	ng/uL	98
77) Carbazole	17.680	167	3352664	40.082	ng/ul	99
78) Di-n-butylphthalate	18.245	149	3820804	39.122	ng/ul	100
80) Fluoranthene	19.286	202	4367495	32.955	ng/ul	97
82) Pyrene	19.639	202	4507874	33.756	ng/ul	97
83) Butylbenzylphthalate	20.516	149	1660017	36.675	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.274	252	1346932	34.186	ng/ul	99
85) Benzo(a)anthracene	21.345	228	4489094	37.381	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	2629120	38.269	ng/ul	99
87) Chrysene	21.398	228	4335907	37.394	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	4363665	34.236	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4888153	36.854	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	4675701	36.526	ng/ul	99
93) Benzo(a)pyrene	23.686	252	4827202	38.021	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	5854733	41.817	ng/ul	98
95) Dibenzo(a,h)anthracene	26.351	278	5037507	41.466	ng/ul	99
96) Benzo(g,h,i)perylene	27.103	276	4875409	42.132	ng/ul	99

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

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