Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008560.D
Acq On : 27 Dec 2021 17:37
Operator : CG/JU
Sample : PB141663BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS663

Quant Time: Dec 28 01:30:07 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	465940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1783028	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1038365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	1920088	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1869146	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	2043298	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	71993	6.964	ng/uL	0.00
4) Pyridine-d5	3.758	84	945069	32.669	ng/ul	0.00
7) Phenol-d5	7.063	99	1220677	32.840	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	681806	32.294	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	1008066	34.092	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	941196	31.564	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	457284	36.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	421808	36.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	984044	34.653	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1145884	29.232	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	2549029	33.225	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	3409995	35.546	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	406235	33.404	ng/ul	0.00
60) Fluorene-d10	15.522	176	2248793	33.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	280140	33.144	ng/ul	0.00
73) Anthracene-d10	17.380	188	3330791	36.607	ng/ul	0.00
81) Pyrene-d10	19.610	212	3618119	32.304	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	3824088	36.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	147798	13.225	ng/uL	95
5) Pyridine	3.775	79	987612	33.273	ng/ul	96
6) Benzaldehyde	7.034	77	805690	38.028	ng/ul	97
8) Phenol	7.087	94	1269972	33.251	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	985471	32.239	ng/ul	99
12) 2-Chlorophenol	7.463	128	1036332	33.581	ng/ul	98
13) 2-Methylphenol	8.340	108	943212	31.874	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1091578	31.002	ng/ul	100
16) Acetophenone	8.722	105	1463916	31.736	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	694059	30.231	ng/ul	99
18) 4-Methylphenol	8.669	108	1013856	32.002	ng/ul	100
19) Hexachloroethane	8.987	117	411035	32.718	ng/ul	98
22) Nitrobenzene	9.099	77	1021411	35.085	ng/ul	97
23) Isophorone	9.628	82	1907315	31.240	ng/ul	99
25) 2-Nitrophenol	9.810	139	491976	36.953	ng/ul	99
26) 2,4-Dimethylphenol	9.875	107	1054232	33.507	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	1242979	32.572	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	975319	34.241	ng/ul	99
30) Naphthalene	10.757	128	3198288	33.887	ng/ul	99
32) 4-Chloroaniline	10.857	127	1169553	29.423	ng/ul	97
33) Hexachlorobutadiene	11.057	225	677216	34.289	ng/ul	98
34) Caprolactam	11.616	113	241920	29.808	ng/ul	97
35) 4-Chloro-3-methylphenol	11.981	107	885895	31.723	ng/ul	98
36) 2-Methylnaphthalene	12.363	142	2164522	32.411	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	2213239	32.553	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1235024	36.849	ng/ul	100
40) Hexachlorocyclopentadiene	12.722	237	747155	33.310	ng/ul	100
41) 2,4,6-Trichlorophenol	12.963	196	702451	36.909	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	771168	37.234	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	2888529	35.885	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	2240324	36.099	ng/ul	98
45) 2-Nitroaniline	13.604	65	452951	36.312	ng/ul	95
47) Dimethylphthalate	13.992	163	2553221	33.357	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	489477	35.975	ng/ul	96
50) Acenaphthylene	14.251	152	3457526	35.224	ng/ul	99
51) 3-Nitroaniline	14.422	138	459535	32.775	ng/ul#	98
52) Acenaphthene	14.598	153	2234715	34.866	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	178430	31.069	ng/ul	95
55) 4-Nitrophenol	14.728	109	284759	33.678	ng/ul	97
56) Dibenzofuran	14.928	168	3234228	34.508	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	676910	35.957	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.157	232	554429	34.461	ng/ul	98
59) Diethylphthalate	15.357	149	2375317	31.771	ng/ul	99
61) Fluorene	15.581	166	2536843	33.974	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	1331920	33.628	ng/ul	99
63) 4-Nitroaniline	15.586	138	503119	39.150	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.651	198	302314	33.803	ng/ul	96
67) N-Nitrosodiphenylamine	15.786	169	2161802	36.816	ng/ul	100
68) 4-Bromophenyl-phenylether	16.469	248	770348	34.982	ng/ul	99
69) Hexachlorobenzene	16.592	284	914083	35.652	ng/ul	97
70) Atrazine	16.739	200	744696	33.423	ng/ul	99
71) Pentachlorophenol	16.927	266	435057	33.198	ng/ul	98
72) Phenanthrene	17.322	178	3876620	36.658	ng/ul	100
74) Anthracene	17.416	178	3888210	36.667	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	1210190	37.155	ng/uL	99
76) Pentachlorobenzene	14.857	250	1136002	37.992	ng/uL	99
77) Carbazole	17.680	167	3364902	37.238	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3657508	34.666	ng/ul	99
80) Fluoranthene	19.286	202	4346386	32.638	ng/ul	98
82) Pyrene	19.639	202	4439749	33.087	ng/ul	97
83) Butylbenzylphthalate	20.516	149	1429464	31.430	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.280	252	1425316	36.003	ng/ul	99
85) Benzo(a)anthracene	21.351	228	4346318	36.019	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	2285591	33.110	ng/ul	99
87) Chrysene	21.398	228	4231532	36.320	ng/ul	100
89) Di-n-octyl phthalate	22.221	149	3709327	28.508	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4651446	34.354	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	4607342	35.258	ng/ul	100
93) Benzo(a)pyrene	23.692	252	4721932	36.433	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	5806674	40.628	ng/ul	97
95) Dibenzo(a,h)anthracene	26.351	278	4998915	40.309	ng/ul	100
96) Benzo(g,h,i)perylene	27.103	276	4872116	41.244	ng/ul	99

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

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