Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007447.D
Acq On : 15 Oct 2021 17:10
Operator : CG/JU
Sample : PB139853BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SLCS853

Quant Time: Oct 15 17:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	209071	20.00	ng/ul	0.00
20) Naphthalene-d8	10.769	136	831882	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	507346	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1046830	20.00	ng/ul	0.00
79) Chrysene-d12	21.439	240	997963	20.00	ng/ul	0.00
88) Perylene-d12	23.892	264	1075317	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	31929	6.03	ng/uL	0.00
4) Pyridine-d5	3.799	84	424907	29.32	ng/ul	0.00
7) Phenol-d5	7.122	99	526972	32.28	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	296862	30.48	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	424327	33.04	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	416527	33.12	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	192269	36.52	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	195888	39.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	407738	34.00	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	490259	30.23	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1154252	32.88	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1433576	32.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	207511	36.84	ng/ul	0.00
60) Fluorene-d10	15.592	176	966183	32.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	123268	29.39	ng/ul	0.00
73) Anthracene-d10	17.451	188	1502935	33.81	ng/ul	0.00
81) Pyrene-d10	19.680	212	1770859	35.50	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1759858	32.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	63876	11.09	ng/uL	93
5) Pyridine	3.816	79	417498	29.79	ng/ul	98
6) Benzaldehyde	7.093	77	343888	37.49	ng/ul	98
8) Phenol	7.146	94	528872	31.68	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	421428	31.28	ng/ul	99
12) 2-Chlorophenol	7.528	128	427283	32.40	ng/ul	97
13) 2-Methylphenol	8.404	108	407465	32.40	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.499	45	506563	29.51	ng/ul	99
16) Acetophenone	8.787	105	606133	31.51	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	298596	30.00	ng/ul	97
18) 4-Methylphenol	8.734	108	427847	31.95	ng/ul	96
19) Hexachloroethane	9.051	117	175861	31.85	ng/ul	98
22) Nitrobenzene	9.163	77	452322	33.46	ng/ul	96
23) Isophorone	9.693	82	878071	31.03	ng/ul	99
25) 2-Nitrophenol	9.875	139	213752	37.50	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	467575	32.13	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.181	93	544103	31.03	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	394154	33.43	ng/ul	98
30) Naphthalene	10.822	128	1271144	31.42	ng/ul	100
32) 4-Chloroaniline	10.922	127	471161	28.71	ng/ul	99
33) Hexachlorobutadiene	11.116	225	270497	32.68	ng/ul	97
34) Caprolactam	11.681	113	128875	41.67	ng/ul	90
35) 4-Chloro-3-methylphenol	12.045	107	426351	33.29	ng/ul	98
36) 2-Methylnaphthalene	12.428	142	858770	31.06	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	860918	30.76	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	474908	32.38	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	237567	25.69	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	309313	35.87	ng/ul	96
42) 2,4,5-Trichlorophenol	13.098	196	333454	37.14	ng/ul	97
43) 1,1'-Biphenyl	13.434	154	1136755	31.44	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	872543	31.33	ng/ul	99
45) 2-Nitroaniline	13.669	65	243405	37.59	ng/ul	95
47) Dimethylphthalate	14.057	163	1107858	31.78	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	218925	37.87	ng/ul	92
50) Acenaphthylene	14.322	152	1411867	31.75	ng/ul	99
51) 3-Nitroaniline	14.492	138	223455	34.69	ng/ul	95
52) Acenaphthene	14.663	153	911526	31.65	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	74819	28.01	ng/ul	93
55) 4-Nitrophenol	14.798	109	170135	33.44	ng/ul	95
56) Dibenzofuran	14.998	168	1320979	31.59	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	311180	38.32	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	269816	36.22	ng/ul	99
59) Diethylphthalate	15.422	149	1122756	32.30	ng/ul	99
61) Fluorene	15.645	166	985340	31.10	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	502491	31.15	ng/ul	99
63) 4-Nitroaniline	15.651	138	232893	40.78	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.716	198	125993	29.04	ng/ul	96
67) N-Nitrosodiphenylamine	15.851	169	917168	32.54	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	313228	33.22	ng/ul	97
69) Hexachlorobenzene	16.657	284	379371	33.45	ng/ul	99
70) Atrazine	16.810	200	367681	34.46	ng/ul	99
71) Pentachlorophenol	16.998	266	224677	35.78	ng/ul	99
72) Phenanthrene	17.392	178	1714695	32.77	ng/ul	99
74) Anthracene	17.486	178	1695123	32.39	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	482503	31.78	ng/uL	100
76) Pentachlorobenzene	14.922	250	444328	31.39	ng/uL	98
77) Carbazole	17.751	167	1594856	34.69	ng/ul	100
78) Di-n-butylphthalate	18.316	149	1980238	35.06	ng/ul	99
80) Fluoranthene	19.357	202	2101120	33.94	ng/ul	100
82) Pyrene	19.710	202	2092032	33.51	ng/ul	100
83) Butylbenzylphthalate	20.586	149	883236	38.54	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	688542	36.26	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2055456	33.52	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1292079	36.88	ng/ul	99
87) Chrysene	21.474	228	1949742	32.82	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2304386	37.98	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	2171428	33.18	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	1990873	32.62	ng/ul	99
93) Benzo(a)pyrene	23.786	252	2067722	33.03	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2433651	33.56	ng/ul	99
95) Dibenzo(a,h)anthracene	26.486	278	2056876	33.31	ng/ul	99
96) Benzo(g,h,i)perylene	27.256	276	2107654	33.74	ng/ul	98

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

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