Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007529.D
Acq On : 20 Oct 2021 15:17
Operator : CG/JU
Sample : M4246-05MS
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YAT53MS

Quant Time: Oct 20 16:08:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	214643	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	863872	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	543017	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1151228	20.00	ng/ul	0.00
79) Chrysene-d12	21.427	240	1147674	20.00	ng/ul	0.00
88) Perylene-d12	23.880	264	1229585	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25189	4.63	ng/uL	0.00
4) Pyridine-d5	3.799	84	122924	8.26	ng/ul	0.00
7) Phenol-d5	7.110	99	138216	8.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	301462	30.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	341364	25.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	240922	18.66	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	202896	37.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	206862	40.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	394045	31.64	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	394695	23.43	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1421525	37.84	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1624229	34.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	64582	10.71	ng/ul	0.00
60) Fluorene-d10	15.580	176	1191248	37.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	197880	42.90	ng/ul	0.00
73) Anthracene-d10	17.445	188	1891462	38.69	ng/ul	0.00
81) Pyrene-d10	19.674	212	2284161	39.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	2318338	37.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	25270	4.27	ng/uL	94
5) Pyridine	3.816	79	136562	9.49	ng/ul	98
6) Benzaldehyde	7.087	77	348099	36.96	ng/ul	97
8) Phenol	7.140	94	155187	9.06	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	438795	31.72	ng/ul	99
12) 2-Chlorophenol	7.516	128	355329	26.25	ng/ul	97
13) 2-Methylphenol	8.393	108	287328	22.26	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	506286	28.72	ng/ul	98
16) Acetophenone	8.775	105	651208	32.97	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	321572	31.47	ng/ul	94
18) 4-Methylphenol	8.722	108	265617	19.32	ng/ul	100
19) Hexachloroethane	9.040	117	170291	30.04	ng/ul	95
22) Nitrobenzene	9.151	77	480489	34.23	ng/ul	97
23) Isophorone	9.687	82	945027	32.16	ng/ul	98
25) 2-Nitrophenol	9.869	139	226583	38.28	ng/ul	94
26) 2,4-Dimethylphenol	9.934	107	402783	26.65	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	577735	31.73	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	394698	32.24	ng/ul	98
30) Naphthalene	10.810	128	1336575	31.81	ng/ul	100
32) 4-Chloroaniline	10.916	127	454623	26.67	ng/ul	99
33) Hexachlorobutadiene	11.110	225	286594	33.34	ng/ul	97
34) Caprolactam	11.687	113	20481	6.38	ng/ul	89
35) 4-Chloro-3-methylphenol	12.034	107	437324	32.88	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	936250	32.61	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	947578	32.60	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	542976	34.59	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	263344	26.61	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	376973	40.84	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	417058	43.40	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	1293798	33.43	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	995229	33.38	ng/ul	99
45) 2-Nitroaniline	13.663	65	313690	45.26	ng/ul	93
47) Dimethylphthalate	14.045	163	1411740	37.83	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	294969	47.67	ng/ul	91
50) Acenaphthylene	14.310	152	1673664	35.16	ng/ul	100
51) 3-Nitroaniline	14.486	138	278300	40.36	ng/ul#	96
52) Acenaphthene	14.651	153	1095855	35.55	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	130871	45.78	ng/ul	97
55) 4-Nitrophenol	14.786	109	56957	10.46	ng/ul	96
56) Dibenzofuran	14.986	168	1635020	36.53	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	426314	49.05	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.216	232	357447	44.83	ng/ul	97
59) Diethylphthalate	15.416	149	1424523	38.29	ng/ul	98
61) Fluorene	15.639	166	1238340	36.52	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	648642	37.57	ng/ul	99
63) 4-Nitroaniline	15.651	138	287284	47.00	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.716	198	204155	42.78	ng/ul	97
67) N-Nitrosodiphenylamine	15.845	169	1111065	35.85	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	441915	42.61	ng/ul	96
69) Hexachlorobenzene	16.651	284	508298	40.75	ng/ul	96
70) Atrazine	16.804	200	471929	40.22	ng/ul	99
71) Pentachlorophenol	16.992	266	307428	44.52	ng/ul	99
72) Phenanthrene	17.386	178	2214587	38.48	ng/ul	99
74) Anthracene	17.480	178	2193982	38.12	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	561510	33.63	ng/uL	99
76) Pentachlorobenzene	14.910	250	581425	37.35	ng/uL	100
77) Carbazole	17.739	167	2061689	40.78	ng/ul	100
78) Di-n-butylphthalate	18.304	149	2495638	40.18	ng/ul	100
80) Fluoranthene	19.351	202	2768920	38.90	ng/ul	98
82) Pyrene	19.704	202	2745997	38.25	ng/ul	97
83) Butylbenzylphthalate	20.580	149	1169323	44.37	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	622110	28.49	ng/ul	98
85) Benzo(a)anthracene	21.410	228	2774152	39.34	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1685292	41.82	ng/ul	99
87) Chrysene	21.468	228	2656969	38.90	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	3009422	43.37	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2973743	39.74	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2720256	38.98	ng/ul	99
93) Benzo(a)pyrene	23.774	252	2822048	39.42	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	3344019	40.32	ng/ul	98
95) Dibenzo(a,h)anthracene	26.468	278	2838229	40.19	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	2864142	40.10	ng/ul	97

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

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