Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007530.D
Acq On : 20 Oct 2021 15:51
Operator : CG/JU
Sample : M4246-06MSD
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YAT53MSD

Quant Time: Oct 20 16:43:06 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	7.952	152	185973	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	749539	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	469281	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	996775	20.00	ng/ul	0.00
79) Chrysene-d12	21.427	240	992232	20.00	ng/ul	0.00
88) Perylene-d12	23.880	264	1070346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	20596	4.37	ng/uL	0.00
4) Pyridine-d5	3.799	84	110155	8.55	ng/ul	0.00
7) Phenol-d5	7.111	99	121101	8.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	268903	31.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	301689	26.41	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	211845	18.94	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	186092	39.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	186293	42.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	351427	32.52	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	396426	27.13	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1212139	37.33	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1381896	33.87	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	53685	10.31	ng/ul	0.00
60) Fluorene-d10	15.581	176	1002294	36.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	168899	42.29	ng/ul	0.00
73) Anthracene-d10	17.439	188	1614531	38.14	ng/ul	0.00
81) Pyrene-d10	19.675	212	1981789	39.95	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1991794	37.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	22897	4.47	ng/uL	92
5) Pyridine	3.817	79	125051	10.03	ng/ul	99
6) Benzaldehyde	7.087	77	313705	38.44	ng/ul	96
8) Phenol	7.140	94	137049	9.23	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.375	93	408611	34.10	ng/ul	97
12) 2-Chlorophenol	7.516	128	329904	28.13	ng/ul	99
13) 2-Methylphenol	8.393	108	261501	23.38	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	467189	30.59	ng/ul	98
16) Acetophenone	8.775	105	611032	35.71	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	298803	33.75	ng/ul	94
18) 4-Methylphenol	8.722	108	240955	20.23	ng/ul	98
19) Hexachloroethane	9.040	117	156770	31.92	ng/ul	97
22) Nitrobenzene	9.152	77	452073	37.12	ng/ul	95
23) Isophorone	9.687	82	871519	34.18	ng/ul	98
25) 2-Nitrophenol	9.869	139	212897	41.45	ng/ul	96
26) 2,4-Dimethylphenol	9.934	107	361906	27.60	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	537530	34.02	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	368606	34.70	ng/ul	97
30) Naphthalene	10.810	128	1244971	34.15	ng/ul	100
32) 4-Chloroaniline	10.910	127	424013	28.67	ng/ul	98
33) Hexachlorobutadiene	11.110	225	269429	36.13	ng/ul	99
34) Caprolactam	11.681	113	16554	5.94	ng/ul	91
35) 4-Chloro-3-methylphenol	12.034	107	381712	33.08	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	869248	34.89	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	873404	34.63	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	509449	37.56	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	242421	28.34	ng/ul	100
41) 2,4,6-Trichlorophenol	13.022	196	333265	41.78	ng/ul	96
42) 2,4,5-Trichlorophenol	13.093	196	365903	44.06	ng/ul	96
43) 1,1'-Biphenyl	13.428	154	1176294	35.17	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	908885	35.28	ng/ul	99
45) 2-Nitroaniline	13.663	65	280301	46.80	ng/ul	95
47) Dimethylphthalate	14.045	163	1256885	38.98	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	262370	49.06	ng/ul	94
50) Acenaphthylene	14.310	152	1490995	36.24	ng/ul	99
51) 3-Nitroaniline	14.487	138	255564	42.89	ng/ul#	97
52) Acenaphthene	14.651	153	975628	36.62	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	119669	48.44	ng/ul	90
55) 4-Nitrophenol	14.787	109	49131	10.44	ng/ul	93
56) Dibenzofuran	14.987	168	1437380	37.16	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	377115	50.21	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	320980	46.58	ng/ul	94
59) Diethylphthalate	15.416	149	1272954	39.59	ng/ul	99
61) Fluorene	15.640	166	1111859	37.94	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.634	204	570117	38.21	ng/ul	99
63) 4-Nitroaniline	15.645	138	256842	48.62	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	184179	44.58	ng/ul	94
67) N-Nitrosodiphenylamine	15.845	169	992189	36.97	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	392488	43.71	ng/ul	95
69) Hexachlorobenzene	16.651	284	452278	41.87	ng/ul	96
70) Atrazine	16.804	200	424615	41.80	ng/ul	99
71) Pentachlorophenol	16.992	266	281146	47.02	ng/ul	99
72) Phenanthrene	17.386	178	1970910	39.55	ng/ul	100
74) Anthracene	17.475	178	1959542	39.32	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	512040	35.42	ng/uL	99
76) Pentachlorobenzene	14.910	250	517028	38.36	ng/uL	100
77) Carbazole	17.745	167	1844653	42.14	ng/ul	100
78) Di-n-butylphthalate	18.304	149	2240365	41.66	ng/ul	100
80) Fluoranthene	19.351	202	2499270	40.61	ng/ul	98
82) Pyrene	19.704	202	2484769	40.04	ng/ul	97
83) Butylbenzylphthalate	20.580	149	1062534	46.63	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	564935	29.92	ng/ul	99
85) Benzo(a)anthracene	21.416	228	2520603	41.35	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1529153	43.89	ng/ul#	100
87) Chrysene	21.469	228	2410711	40.82	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	2686937	44.49	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2710246	41.60	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2439518	40.16	ng/ul	98
93) Benzo(a)pyrene	23.768	252	2550096	40.92	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	3027723	41.94	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	2575853	41.90	ng/ul	98
96) Benzo(g,h,i)perylene	27.233	276	2626576	42.25	ng/ul	97

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

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