Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018634.D
Acq On : 06 Dec 2023 13:30
Operator : MA/JU
Sample : 05456-07MS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05N2MS

Quant Time: Dec 06 21:40:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	296327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1170846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	565058	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1064344	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1135083	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1388549	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	53926	6.201	ng/uL	0.00
4) Pyridine-d5	3.687	84	729580	31.323	ng/ul	0.00
7) Phenol-d5	7.022	99	964359	32.429	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	598036	33.931	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	783634	33.771	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	728413	30.267	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	364759	35.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	387900	35.903	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	713543	32.299	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	839806	29.088	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1644499	32.608	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	1944704	35.019	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	258781	31.260	ng/ul	0.00
60) Fluorene-d10	15.475	176	1274830	30.115	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	162532	25.468	ng/ul	0.00
73) Anthracene-d10	17.328	188	1952260	34.890	ng/ul	0.00
81) Pyrene-d10	19.569	212	2428805	27.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	2808652	34.691	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	116381	12.205	ng/uL	98
5) Pyridine	3.705	79	798944	33.967	ng/ul	96
6) Benzaldehyde	6.993	77	479387	31.223	ng/ul	98
8) Phenol	7.052	94	1006650	34.518	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	829760	34.645	ng/ul	99
12) 2-Chlorophenol	7.416	128	795582	33.877	ng/ul	98
13) 2-Methylphenol	8.299	108	728481	32.629	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	977490	32.166	ng/ul	98
16) Acetophenone	8.681	105	1144757	31.918	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	555155	28.136	ng/ul	99
18) 4-Methylphenol	8.634	108	762178	31.263	ng/ul	96
19) Hexachloroethane	8.928	117	341002	35.419	ng/ul	96
22) Nitrobenzene	9.057	77	861359	33.997	ng/ul	99
23) Isophorone	9.587	82	1551340	30.030	ng/ul	99
25) 2-Nitrophenol	9.769	139	409308	35.383	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	618703	27.347	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.069	93	1013605	31.079	ng/ul	100
29) 2,4-Dichlorophenol	10.299	162	687724	32.319	ng/ul	98
30) Naphthalene	10.699	128	2314820	32.590	ng/ul	99
32) 4-Chloroaniline	10.816	127	760307	27.630	ng/ul	99
33) Hexachlorobutadiene	10.987	225	543571	38.142	ng/ul	99
34) Caprolactam	11.593	113	176159	26.998	ng/ul	94
35) 4-Chloro-3-methylphenol	11.940	107	621148	26.057	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	1455262	28.921	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1411771	27.782	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	841717	41.057	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	450151	37.045	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	486454	36.885	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	502865	35.171	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	1802891	36.892	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1436162	37.209	ng/ul	99
45) 2-Nitroaniline	13.569	65	345876	33.055	ng/ul	96
47) Dimethylphthalate	13.945	163	1617374	32.580	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	317814	33.885	ng/ul	96
50) Acenaphthylene	14.204	152	2154530	34.508	ng/ul	100
51) 3-Nitroaniline	14.392	138	310730	33.189	ng/ul	98
52) Acenaphthene	14.545	153	1405064	34.036	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	102082	20.536	ng/ul	97
55) 4-Nitrophenol	14.698	109	202039	32.304	ng/ul	96
56) Dibenzofuran	14.881	168	1885931	32.870	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	425001	32.214	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	351672	29.323	ng/ul	97
59) Diethylphthalate	15.310	149	1364731	28.094	ng/ul	100
61) Fluorene	15.534	166	1464729	32.263	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	786241	33.021	ng/ul	96
63) 4-Nitroaniline	15.551	138	313326	35.129	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	183514	26.896	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	1226791	34.784	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	477117	35.508	ng/ul	95
69) Hexachlorobenzene	16.534	284	536753	35.778	ng/ul	99
70) Atrazine	16.698	200	341290	32.548	ng/ul	98
71) Pentachlorophenol	16.881	266	319261	35.782	ng/ul	97
72) Phenanthrene	17.275	178	2224454	34.605	ng/ul	100
74) Anthracene	17.363	178	2232225	34.644	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	799867	43.463	ng/uL	98
76) Pentachlorobenzene	14.798	250	707519	39.138	ng/uL	99
77) Carbazole	17.639	167	2011337	39.167	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2436155	35.627	ng/ul	100
80) Fluoranthene	19.239	202	2760208	26.428	ng/ul	99
82) Pyrene	19.592	202	2871223	27.251	ng/ul	98
83) Butylbenzylphthalate	20.474	149	1168115	30.284	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	872365	31.626	ng/ul	98
85) Benzo(a)anthracene	21.304	228	3135435	34.032	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1580847	29.818	ng/ul#	98
87) Chrysene	21.357	228	2906220	34.254	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	3175196	31.319	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	3348861	32.710	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	3233205	32.640	ng/ul	99
93) Benzo(a)pyrene	23.586	252	3172841	33.917	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.162	276	4030273	36.059	ng/ul	97
95) Dibenzo(a,h)anthracene	26.186	278	3358389	36.121	ng/ul	98
96) Benzo(g,h,i)perylene	26.921	276	3264418	36.292	ng/ul	96

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

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