Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
Data File : BP015222.D
Acq On : 22 May 2023 18:58
Operator : CG/JU
Sample : 02689-08MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREM0MSD

Quant Time: May 23 00:44:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	238653	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	1029668	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	647531	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1414119	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	950936	20.000	ng/ul	-0.01
88) Perylene-d12	24.145	264	966304	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	20290	3.303	ng/uL	0.00
4) Pyridine-d5	3.870	84	217690	12.503	ng/ul	0.00
7) Phenol-d5	7.269	99	424512	19.158	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	274901	21.481	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	347447	21.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	344373	19.504	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	183854	22.723	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	199283	22.136	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	377612	23.244	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	423056	17.601	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1213836	24.807	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1348318	24.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	187612	19.746	ng/ul	0.00
60) Fluorene-d10	15.751	176	1033533	25.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	171259	19.217	ng/ul	0.00
73) Anthracene-d10	17.610	188	1570769	24.258	ng/ul	0.00
81) Pyrene-d10	19.828	212	1808183	32.785	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.974	264	1310373	27.317	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	51230	7.762	ng/uL	96
5) Pyridine	3.887	79	293320	16.199	ng/ul	95
6) Benzaldehyde	7.252	77	265057	43.520	ng/ul	97
8) Phenol	7.299	94	532590	23.440	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.534	93	414568	22.805	ng/ul	98
12) 2-Chlorophenol	7.681	128	398262	23.111	ng/ul	98
13) 2-Methylphenol	8.563	108	375813	21.400	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.652	45	532315	23.372	ng/ul	99
16) Acetophenone	8.958	105	669766	24.304	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.940	70	332451	23.003	ng/ul	96
18) 4-Methylphenol	8.899	108	437407	22.630	ng/ul	98
19) Hexachloroethane	9.210	117	160724	22.842	ng/ul	92
22) Nitrobenzene	9.340	77	506079	25.325	ng/ul	99
23) Isophorone	9.869	82	979126	23.838	ng/ul	99
25) 2-Nitrophenol	10.057	139	248452	25.166	ng/ul	95
26) 2,4-Dimethylphenol	10.110	107	205080	10.410	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.352	93	604402	24.184	ng/ul	98
29) 2,4-Dichlorophenol	10.593	162	426173	25.971	ng/ul	100
30) Naphthalene	11.005	128	1374627	24.556	ng/ul	99
32) 4-Chloroaniline	11.110	127	435940	17.646	ng/ul	100
33) Hexachlorobutadiene	11.281	225	266906	26.987	ng/ul	99
34) Caprolactam	11.893	113	155618	25.154	ng/ul	89
35) 4-Chloro-3-methylphenol	12.222	107	476339	25.708	ng/ul	99
36) 2-Methylnaphthalene	12.599	142	950246	25.193	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	974031	25.715	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	529645	27.349	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	170123	13.558	ng/ul	98
41) 2,4,6-Trichlorophenol	13.199	196	357575	26.148	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	401208	27.059	ng/ul	99
43) 1,1'-Biphenyl	13.599	154	1302266	25.921	ng/ul	98
44) 2-Chloronaphthalene	13.640	162	1023736	26.092	ng/ul	99
45) 2-Nitroaniline	13.846	65	316996	28.237	ng/ul	94
47) Dimethylphthalate	14.210	163	1329567	26.091	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	283583	28.089	ng/ul	95
50) Acenaphthylene	14.487	152	1586138	25.402	ng/ul	99
51) 3-Nitroaniline	14.669	138	277463	30.521	ng/ul	98
52) Acenaphthene	14.828	153	1096834	25.719	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	145451	21.699	ng/ul	97
55) 4-Nitrophenol	14.969	109	207399	29.678	ng/ul	89
56) Dibenzofuran	15.157	168	1553274	26.185	ng/ul	100
57) 2,4-Dinitrotoluene	15.122	165	428342	29.321	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	349863	27.958	ng/ul	99
59) Diethylphthalate	15.569	149	1432272	28.180	ng/ul	99
61) Fluorene	15.804	166	1257101	26.371	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.793	204	628651	26.990	ng/ul	95
63) 4-Nitroaniline	15.828	138	287067	36.567	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.887	198	229607	24.964	ng/ul	97
67) N-Nitrosodiphenylamine	16.010	169	1120989	26.959	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	420912	28.898	ng/ul	99
69) Hexachlorobenzene	16.810	284	499778	29.035	ng/ul	99
70) Atrazine	16.963	200	289541	18.839	ng/ul	98
71) Pentachlorophenol	17.157	266	254948	23.679	ng/ul	98
72) Phenanthrene	17.557	178	2144795	27.853	ng/ul	100
74) Anthracene	17.645	178	2031382	26.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	537533	26.810	ng/uL	100
76) Pentachlorobenzene	15.075	250	539978	26.822	ng/uL	98
77) Carbazole	17.910	167	1948153	28.532	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2639533	30.018	ng/ul	100
80) Fluoranthene	19.504	202	2460145	36.597	ng/ul	99
82) Pyrene	19.857	202	2442371	35.183	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1117467	36.311	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	451754	21.631	ng/ul	98
85) Benzo(a)anthracene	21.569	228	1968233	29.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1612705	36.399	ng/ul	99
87) Chrysene	21.627	228	1873761	29.811	ng/ul	97
89) Di-n-octyl phthalate	22.439	149	2494236	37.689	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1841437	30.060	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	1806612	30.713	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1561001	28.829	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	2091617	29.834	ng/ul	98
95) Dibenzo(a,h)anthracene	26.868	278	1718107	29.853	ng/ul	98
96) Benzo(g,h,i)perylene	27.686	276	1561451	27.312	ng/ul	98

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

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