Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036757.D
Acq On : 26 Sep 2022 22:25
Operator : CG/JU
Sample : N4748-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQS0MSD

Quant Time: Sep 26 23:17:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	422982	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1815559	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1106243	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2212419	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	2013008	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1659473	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	55925	4.956	ng/uL	0.00
4) Pyridine-d5	3.816	84	297318	9.035	ng/ul	0.00
7) Phenol-d5	7.157	99	317785	8.407	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	873206	38.039	ng/ul	0.00
11) 2-Chlorophenol-d4	7.533	132	847605	31.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	569928	20.405	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	574960	46.788	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	540550	49.109	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	958720	37.583	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1232625	29.063	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3400154	45.572	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	3849296	43.495	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	146717	10.139	ng/ul	0.00
60) Fluorene-d10	15.615	176	2957045	44.226	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	512712	58.574	ng/ul	0.00
73) Anthracene-d10	17.468	188	4787839	47.331	ng/ul	0.00
81) Pyrene-d10	19.750	212	5442234	54.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	4092930	50.483	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	60634	4.989	ng/uL	98
5) Pyridine	3.834	79	368305	11.140	ng/ul	97
6) Benzaldehyde	7.139	77	906570	49.528	ng/ul	96
8) Phenol	7.186	94	350713	8.645	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	1137188	36.027	ng/ul	100
12) 2-Chlorophenol	7.563	128	865517	29.401	ng/ul	98
13) 2-Methylphenol	8.445	108	651210	21.838	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1339521	35.805	ng/ul	98
16) Acetophenone	8.833	105	1768298	36.501	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	886075	37.905	ng/ul	95
18) 4-Methylphenol	8.780	108	622871	19.316	ng/ul	96
19) Hexachloroethane	9.086	117	422096	35.399	ng/ul	96
22) Nitrobenzene	9.216	77	1344229	41.200	ng/ul	98
23) Isophorone	9.745	82	2484937	37.353	ng/ul	100
25) 2-Nitrophenol	9.927	139	577449	42.474	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	867713	25.877	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.227	93	1502751	37.899	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	940636	35.075	ng/ul	100
30) Naphthalene	10.863	128	3659275	36.998	ng/ul	100
32) 4-Chloroaniline	10.974	127	1285506	29.358	ng/ul	100
33) Hexachlorobutadiene	11.151	225	570041	34.755	ng/ul	99
34) Caprolactam	11.780	113	43150	4.960	ng/ul	97
35) 4-Chloro-3-methylphenol	12.086	107	981195	33.145	ng/ul	96
36) 2-Methylnaphthalene	12.468	142	2485792	37.722	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2510248	37.892	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.827	216	1182763	37.775	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	447631	27.432	ng/ul	99
41) 2,4,6-Trichlorophenol	13.068	196	773112	40.326	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	842848	41.006	ng/ul	99
43) 1,1'-Biphenyl	13.468	154	3198578	39.223	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2468847	38.582	ng/ul	100
45) 2-Nitroaniline	13.715	65	819274	52.016	ng/ul	99
47) Dimethylphthalate	14.092	163	3319734	41.946	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	681077	52.931	ng/ul	97
50) Acenaphthylene	14.351	152	3942357	38.963	ng/ul	99
51) 3-Nitroaniline	14.539	138	703503	45.586	ng/ul#	95
52) Acenaphthene	14.692	153	2769870	39.124	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	294940	51.658	ng/ul	97
55) 4-Nitrophenol	14.833	109	120031	9.703	ng/ul	99
56) Dibenzofuran	15.027	168	3787377	39.834	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	1012120	54.106	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	753297	43.781	ng/ul	99
59) Diethylphthalate	15.451	149	3504179	44.229	ng/ul	100
61) Fluorene	15.674	166	3355068	41.432	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	1569401	40.525	ng/ul	97
63) 4-Nitroaniline	15.698	138	767906	51.215	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	506627	51.290	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	2845739	43.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.556	248	922562	42.307	ng/ul	99
69) Hexachlorobenzene	16.668	284	1082936	41.987	ng/ul	96
70) Atrazine	16.833	200	1010872	43.962	ng/ul	97
71) Pentachlorophenol	17.015	266	627687	40.970	ng/ul	99
72) Phenanthrene	17.409	178	5433015	44.583	ng/ul	99
74) Anthracene	17.503	178	5480680	44.247	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1241297	41.021	ng/uL	99
76) Pentachlorobenzene	14.945	250	1164517	35.581	ng/uL	98
77) Carbazole	17.768	167	5105534	44.520	ng/ul	99
78) Di-n-butylphthalate	18.333	149	6312072	48.561	ng/ul	99
80) Fluoranthene	19.415	202	6195635	51.054	ng/ul	99
82) Pyrene	19.780	202	6459739	50.287	ng/ul	97
83) Butylbenzylphthalate	20.674	149	2837663	58.298	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	1770664	45.017	ng/ul	98
85) Benzo(a)anthracene	21.521	228	5851251	46.392	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	4286368	60.283	ng/ul	99
87) Chrysene	21.574	228	5392724	45.046	ng/ul	99
89) Di-n-octyl phthalate	22.385	149	6816905	68.138	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	5092419	48.392	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	5129064	48.778	ng/ul	99
93) Benzo(a)pyrene	23.868	252	4318803	46.684	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	4644230	42.989	ng/ul	96
95) Dibenzo(a,h)anthracene	26.526	278	4226587	43.140	ng/ul	98
96) Benzo(g,h,i)perylene	27.291	276	3998195	42.691	ng/ul	99

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

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