Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035956.D
Acq On : 27 Jul 2022 18:25
Operator : CG/JU
Sample : N3874-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBJ27MS

Quant Time: Jul 27 23:13:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 03:28:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	253809	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.692	136	1061975	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.527	164	630844	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.262	188	1252277	20.000	ng/ul	-0.02
79) Chrysene-d12	21.445	240	1110385	20.000	ng/ul	-0.02
88) Perylene-d12	23.821	264	1142182	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	30356	4.501	ng/uL	0.00
4) Pyridine-d5	3.705	84	185452	10.036	ng/ul	0.00
7) Phenol-d5	7.051	99	152787	7.178	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.222	67	409886	28.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	447035	25.303	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113	278437	16.148	ng/ul	-0.02
21) Nitrobenzene-d5	9.057	128	290243	34.490	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.781	143	288785	35.223	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	475835	32.089	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.833	131	659507	26.272	ng/ul	-0.02
46) Dimethylphthalate-d6	13.945	166	1689713	39.322	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	1993777	36.365	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.727	143	73771	8.360	ng/ul	-0.02
60) Fluorene-d10	15.516	176	1434936	36.953	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.645	200	257743	38.290	ng/ul	-0.02
73) Anthracene-d10	17.368	188	2219732	39.207	ng/ul	-0.01
81) Pyrene-d10	19.656	212	2477562	40.259	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.668	264	2299641	39.658	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	145201	20.773	ng/uL	95
5) Pyridine	3.722	79	215460	11.111	ng/ul	90
6) Benzaldehyde	7.028	77	474478	53.114	ng/ul	95
8) Phenol	7.081	94	177653	7.627	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	575250	30.720	ng/ul	95
12) 2-Chlorophenol	7.451	128	467207	25.779	ng/ul	97
13) 2-Methylphenol	8.340	108	342457	19.681	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.428	45	756798	30.618	ng/ul	98
16) Acetophenone	8.716	105	880146	31.793	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	449979	32.594	ng/ul	93
18) 4-Methylphenol	8.669	108	320557	17.172	ng/ul	97
19) Hexachloroethane	8.969	117	245200	32.791	ng/ul	94
22) Nitrobenzene	9.098	77	643251	33.404	ng/ul	96
23) Isophorone	9.628	82	1273355	35.029	ng/ul	99
25) 2-Nitrophenol	9.810	139	318551	35.022	ng/ul	96
26) 2,4-Dimethylphenol	9.875	107	460914	24.799	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.110	93	765208	33.377	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	495926	32.223	ng/ul	98
30) Naphthalene	10.745	128	1894323	33.795	ng/ul	99
32) 4-Chloroaniline	10.857	127	669898	26.864	ng/ul	99
33) Hexachlorobutadiene	11.028	225	335726	35.335	ng/ul	99
34) Caprolactam	11.669	113	33046	6.497	ng/ul	86
35) 4-Chloro-3-methylphenol	11.980	107	497767	31.104	ng/ul	98
36) 2-Methylnaphthalene	12.357	142	1265038	34.495	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.575	142	1268424	34.313	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.722	216	622920	34.689	ng/ul	99
40)	Hexachlorocyclopentadiene	12.698	237	325277	27.198	ng/ul	97
41)	2,4,6-Trichlorophenol	12.963	196	428534	37.291	ng/ul	99
42)	2,4,5-Trichlorophenol	13.033	196	465767	37.985	ng/ul	99
43)	1,1'-Biphenyl	13.363	154	1680692	34.614	ng/ul	99
44)	2-Chloronaphthalene	13.404	162	1298072	34.834	ng/ul	99
45)	2-Nitroaniline	13.616	65	407436	39.659	ng/ul	95
47)	Dimethylphthalate	13.992	163	1742726	40.319	ng/ul	100
48)	2,6-Dinitrotoluene	14.110	165	365350	42.574	ng/ul	96
50)	Acenaphthylene	14.251	152	2188259	36.079	ng/ul	100
51)	3-Nitroaniline	14.439	138	379546	40.020	ng/ul	95
52)	Acenaphthene	14.592	153	1397209	35.509	ng/ul	99
53)	2,4-Dinitrophenol	14.645	184	181223	37.193	ng/ul	99
55)	4-Nitrophenol	14.745	109	56387	8.355	ng/ul	85
56)	Dibenzofuran	14.927	168	2025137	37.198	ng/ul	99
57)	2,4-Dinitrotoluene	14.898	165	523169	43.249	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.151	232	391641	40.651	ng/ul#	96
59)	Diethylphthalate	15.351	149	1866132	42.683	ng/ul	99
61)	Fluorene	15.568	166	1667383	37.492	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.568	204	802542	37.663	ng/ul	97
63)	4-Nitroaniline	15.598	138	403234	46.183	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.657	198	264730	39.302	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.780	169	1432019	38.897	ng/ul	99
68)	4-Bromophenyl-phenylether	16.457	248	503603	41.021	ng/ul	98
69)	Hexachlorobenzene	16.568	284	607056	40.583	ng/ul	98
70)	Atrazine	16.733	200	536505	42.015	ng/ul	98
71)	Pentachlorophenol	16.915	266	344833	37.735	ng/ul	99
72)	Phenanthrene	17.310	178	2644846	39.406	ng/ul	98
74)	Anthracene	17.404	178	2683952	39.851	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.327	216	639390	32.833	ng/uL	98
76)	Pentachlorobenzene	14.845	250	669364	37.918	ng/uL	99
77)	Carbazole	17.674	167	2517429	40.471	ng/ul	99
78)	Di-n-butylphthalate	18.239	149	3237611	46.131	ng/ul	100
80)	Fluoranthene	19.321	202	3038550	41.326	ng/ul	98
82)	Pyrene	19.686	202	3088788	40.757	ng/ul	95
83)	Butylbenzylphthalate	20.580	149	1337851	48.537	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.362	252	903769	44.107	ng/ul	98
85)	Benzo(a)anthracene	21.427	228	2870232	41.068	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.356	149	1932757	48.528	ng/ul	99
87)	Chrysene	21.480	228	2796157	41.004	ng/ul	98
89)	Di-n-octyl phthalate	22.274	149	3176335	43.064	ng/ul	100
90)	Benzo(b)fluoranthene	23.097	252	3015066	39.554	ng/ul#	97
91)	Benzo(k)fluoranthene	23.144	252	2783679	38.483	ng/ul#	97
93)	Benzo(a)pyrene	23.721	252	2898471	39.921	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	26.309	276	3446902	44.539	ng/ul#	93
95)	Dibenzo(a,h)anthracene	26.321	278	2967274	44.691	ng/ul	96
96)	Benzo(g,h,i)perylene	27.068	276	2902360	45.256	ng/ul	95

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

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