Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
Data File : BM035499.D
Acq On : 17 Jun 2022 17:40
Operator : CG/JU
Sample : N3226-22MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

Quant Time: Jun 17 23:02:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:58:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	137223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	593139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	357651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	715184	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	751083	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	784598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	10906	3.173	ng/uL	0.00
4) Pyridine-d5	3.704	84	43577	5.147	ng/ul	0.02
7) Phenol-d5	7.004	99	177949	16.921	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	115465	17.655	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	162473	17.836	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	150789	17.128	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	79783	18.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	83807	17.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	149486	18.493	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	211659	16.641	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	538973	22.155	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	601187	19.941	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	57120	15.285	ng/ul	0.00
60) Fluorene-d10	15.451	176	454996	21.600	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	86396	20.263	ng/ul	0.00
73) Anthracene-d10	17.304	188	761730	23.695	ng/ul	0.00
81) Pyrene-d10	19.598	212	924773	25.044	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	985657	26.046	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	21842	6.267	ng/uL	99
5) Pyridine	3.722	79	57189	6.404	ng/ul#	90
6) Benzaldehyde	6.963	77	98451	21.855	ng/ul	99
8) Phenol	7.028	94	187488	16.707	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.245	93	149073	17.008	ng/ul	97
12) 2-Chlorophenol	7.387	128	162564	17.232	ng/ul	98
13) 2-Methylphenol	8.275	108	139648	16.800	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.351	45	216849	16.598	ng/ul	97
16) Acetophenone	8.645	105	255805	19.164	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	111726	17.740	ng/ul	99
18) 4-Methylphenol	8.610	108	146875	16.418	ng/ul	96
19) Hexachloroethane	8.886	117	62214	16.491	ng/ul	99
22) Nitrobenzene	9.022	77	157836	16.841	ng/ul	98
23) Isophorone	9.551	82	303798	17.138	ng/ul	100
25) 2-Nitrophenol	9.739	139	86406	16.674	ng/ul	93
26) 2,4-Dimethylphenol	9.804	107	161823	16.479	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.033	93	192691	16.763	ng/ul	99
29) 2,4-Dichlorophenol	10.286	162	139378	16.993	ng/ul	98
30) Naphthalene	10.657	128	534989	17.655	ng/ul	99
32) 4-Chloroaniline	10.786	127	197810	15.622	ng/ul	99
33) Hexachlorobutadiene	10.945	225	90178	17.474	ng/ul	98
34) Caprolactam	11.580	113	50166	18.165	ng/ul	93
35) 4-Chloro-3-methylphenol	11.933	107	154028	17.914	ng/ul	93
36) 2-Methylnaphthalene	12.280	142	352614	17.896	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.498	142	357703	17.972	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.651	216	174022	17.376	ng/ul	100
40)	Hexachlorocyclopentadiene	12.627	237	31643	8.592	ng/ul	98
41)	2,4,6-Trichlorophenol	12.904	196	108806	17.418	ng/ul	98
42)	2,4,5-Trichlorophenol	12.992	196	114555	17.675	ng/ul	98
43)	1,1'-Biphenyl	13.292	154	473414	17.701	ng/ul	99
44)	2-Chloronaphthalene	13.333	162	360318	17.628	ng/ul	99
45)	2-Nitroaniline	13.551	65	95622	18.146	ng/ul	98
47)	Dimethylphthalate	13.921	163	495862	20.210	ng/ul	100
48)	2,6-Dinitrotoluene	14.045	165	95841	19.758	ng/ul	99
50)	Acenaphthylene	14.174	152	608039	18.281	ng/ul	100
51)	3-Nitroaniline	14.386	138	92873	18.686	ng/ul	96
52)	Acenaphthene	14.521	153	404637	18.340	ng/ul	98
53)	2,4-Dinitrophenol	14.621	184	37079	13.871	ng/ul	97
55)	4-Nitrophenol	14.721	109	34582	14.239	ng/ul	100
56)	Dibenzofuran	14.857	168	572677	18.965	ng/ul	99
57)	2,4-Dinitrotoluene	14.839	165	153212	21.753	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.098	232	107098	20.007	ng/ul#	96
59)	Diethylphthalate	15.280	149	532840	21.433	ng/ul	99
61)	Fluorene	15.504	166	478661	19.519	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.498	204	227424	19.759	ng/ul	99
63)	4-Nitroaniline	15.545	138	97892	22.049	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.610	198	84740	19.971	ng/ul	98
67)	N-Nitrosodiphenylamine	15.715	169	433844	20.725	ng/ul	98
68)	4-Bromophenyl-phenylether	16.392	248	139187	20.294	ng/ul	98
69)	Hexachlorobenzene	16.515	284	169944	21.418	ng/ul	96
70)	Atrazine	16.674	200	161143	21.801	ng/ul	98
71)	Pentachlorophenol	16.874	266	62295	14.892	ng/ul	95
72)	Phenanthrene	17.245	178	830676	21.571	ng/ul	100
74)	Anthracene	17.339	178	841505	21.357	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.257	216	186377	17.072	ng/uL	99
76)	Pentachlorobenzene	14.780	250	188413	19.411	ng/uL	99
77)	Carbazole	17.615	167	795437	22.370	ng/ul	99
78)	Di-n-butylphthalate	18.174	149	977290	19.838	ng/ul	100
80)	Fluoranthene	19.262	202	1007594	22.432	ng/ul	98
82)	Pyrene	19.627	202	1064737	22.647	ng/ul	100
83)	Butylbenzylphthalate	20.527	149	438854	21.713	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.315	252	269207	19.651	ng/ul	99
85)	Benzo(a)anthracene	21.374	228	1047500	23.098	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.303	149	677462	22.586	ng/ul	98
87)	Chrysene	21.427	228	1044700	23.109	ng/ul	99
89)	Di-n-octyl phthalate	22.209	149	1170072	22.722	ng/ul	100
90)	Benzo(b)fluoranthene	23.021	252	1110285	23.825	ng/ul	99
91)	Benzo(k)fluoranthene	23.068	252	1063855	23.734	ng/ul	99
93)	Benzo(a)pyrene	23.627	252	1095813	23.455	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.150	276	1267135	23.166	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.162	278	1094696	23.390	ng/ul	99
96)	Benzo(g,h,i)perylene	26.897	276	948506	20.233	ng/ul	99

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

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