Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
Data File : BM035491.D
Acq On : 17 Jun 2022 12:44
Operator : CG/JU
Sample : SP5919
Misc : SFAM SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP5919

Quant Time: Jun 17 23:01:12 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	7.822	152	1894	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.610	136	8806	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	5031	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	10395	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	11255	20.000	ng/ul	# 0.00
88) Perylene-d12	23.738	264	9409	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	155839	3239.819	ng/uL	98
5) Pyridine	3.699	79	971710	7884.068	ng/ul	94
6) Benzaldehyde	6.957	77	791657	12732.784	ng/ul	97
8) Phenol	7.028	94	1249037	8064.101	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	956593	7907.403	ng/ul	98
12) 2-Chlorophenol	7.381	128	1069432	8213.040	ng/ul	99
13) 2-Methylphenol	8.275	108	933829	8139.247	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.351	45	1442697	8000.555	ng/ul	99
16) Acetophenone	8.645	105	1471128	7985.044	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.628	70	715331	8228.997	ng/ul	99
18) 4-Methylphenol	8.604	108	1004488	8135.053	ng/ul	100
19) Hexachloroethane	8.887	117	425968	8180.610	ng/ul	92
22) Nitrobenzene	9.016	77	1042622	7493.147	ng/ul	97
23) Isophorone	9.551	82	1985970	7546.202	ng/ul	100
25) 2-Nitrophenol	9.734	139	566414	7362.325	ng/ul	96
26) 2,4-Dimethylphenol	9.804	107	1082497	7425.101	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.028	93	1248052	7312.913	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	898087	7375.323	ng/ul	99
30) Naphthalene	10.663	128	3192992	7097.426	ng/ul	100
32) 4-Chloroaniline	10.781	127	1303638	6934.777	ng/ul	99
33) Hexachlorobutadiene	10.945	225	537653	7017.295	ng/ul	99
34) Caprolactam	11.586	113	304499	7426.716	ng/ul	94
35) 4-Chloro-3-methylphenol	11.922	107	962036	7536.487	ng/ul	97
36) 2-Methylnaphthalene	12.275	142	2069838	7075.701	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.498	142	2083583	7051.168	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.651	216	1010729	7174.492	ng/ul	99
40)	Hexachlorocyclopentadiene	12.627	237	473943	9148.641	ng/ul	97
41)	2,4,6-Trichlorophenol	12.898	196	674298	7673.678	ng/ul	98
42)	2,4,5-Trichlorophenol	12.980	196	737166	8085.595	ng/ul	99
43)	1,1'-Biphenyl	13.292	154	2676097	7113.027	ng/ul	99
44)	2-Chloronaphthalene	13.333	162	2101692	7309.570	ng/ul	99
45)	2-Nitroaniline	13.545	65	598913	8079.537	ng/ul	99
47)	Dimethylphthalate	13.922	163	2504692	7257.212	ng/ul	100
48)	2,6-Dinitrotoluene	14.045	165	559129	8194.335	ng/ul	95
50)	Acenaphthylene	14.174	152	3266770	6982.290	ng/ul	100
51)	3-Nitroaniline	14.374	138	601065	8597.247	ng/ul	97
52)	Acenaphthene	14.521	153	2232481	7193.143	ng/ul	98
53)	2,4-Dinitrophenol	14.598	184	300851	8001.023	ng/ul	91
55)	4-Nitrophenol	14.710	109	246787	7223.510	ng/ul	92
56)	Dibenzofuran	14.857	168	2965037	6980.421	ng/ul	100
57)	2,4-Dinitrotoluene	14.839	165	781786	7890.610	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.092	232	587383	7800.511	ng/ul#	99
59)	Diethylphthalate	15.286	149	2527853	7228.301	ng/ul	99
61)	Fluorene	15.504	166	2429226	7041.976	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.498	204	1125490	6951.484	ng/ul	98
63)	4-Nitroaniline	15.539	138	573328	9180.359	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.604	198	425469	6898.955	ng/ul#	96
67)	N-Nitrosodiphenylamine	15.716	169	2099763	6901.356	ng/ul	100
68)	4-Bromophenyl-phenylether	16.392	248	706131	7083.663	ng/ul	98
69)	Hexachlorobenzene	16.515	284	784943	6806.127	ng/ul	99
70)	Atrazine	16.674	200	750342	6984.309	ng/ul	98
71)	Pentachlorophenol	16.862	266	438797	7217.011	ng/ul	98
72)	Phenanthrene	17.245	178	3732314	6668.350	ng/ul	99
74)	Anthracene	17.339	178	3850808	6723.907	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.257	216	1039333	6550.094	ng/uL	98
76)	Pentachlorobenzene	14.780	250	959213	6799.062	ng/uL	99
77)	Carbazole	17.610	167	3540147	6849.618	ng/ul	99
78)	Di-n-butylphthalate	18.174	149	4304363	6011.500	ng/ul	100
80)	Fluoranthene	19.262	202	4218827	6267.708	ng/ul	97
82)	Pyrene	19.627	202	4397407	6241.734	ng/ul	99
83)	Butylbenzylphthalate	20.527	149	2013663	6648.478	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.309	252	1606720	7826.903	ng/ul	98
85)	Benzo(a)anthracene	21.374	228	4287987	6309.778	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.303	149	2897880	6447.412	ng/ul	99
87)	Chrysene	21.427	228	4068277	6005.305	ng/ul	99
89)	Di-n-octyl phthalate	22.209	149	5227521	8465.161	ng/ul	100
90)	Benzo(b)fluoranthene	23.021	252	4502139	8056.048	ng/ul	100
91)	Benzo(k)fluoranthene	23.068	252	4556603	8476.731	ng/ul	99
93)	Benzo(a)pyrene	23.633	252	4118987	7351.740	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.162	276	5518748	8413.341	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.174	278	4561366	8127.187	ng/ul	100
96)	Benzo(g,h,i)perylene	26.903	276	4642893	8258.858	ng/ul	99

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

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