

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051921\
 Data File : BM030082.D
 Acq On : 19 May 2021 16:50
 Operator : CG/JU
 Sample : SP5564
 Misc : SFAM SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP

Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:36:14 AM

Quant Time: May 20 01:20:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 18 16:38:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	179022	20.00	ng/ul	0.00
20) Naphthalene-d8	10.286	136	816430	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.168	164	546777	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.921	188	1133609	20.00	ng/ul	0.00
79) Chrysene-d12	21.115	240	1190262	20.00	ng/ul	0.00
88) Perylene-d12	23.256	264	1053536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.00	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.057	88	129420	26.68	ng/uL	93
5) Pyridine	3.452	79	799497	69.45	ng/ul	87
6) Benzaldehyde	6.669	77	763281	88.82	ng/ul	98
8) Phenol	6.734	94	1192479	70.16	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	883967	65.77	ng/ul	99
12) 2-Chlorophenol	7.087	128	951908	72.64	ng/ul	99
13) 2-Methylphenol	7.969	108	905351	70.30	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.051	45	1471818	72.70	ng/ul	96
16) Acetophenone	8.345	105	1449972	65.62	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.334	70	838408	74.16	ng/ul	98
18) 4-Methylphenol	8.304	108	989325	69.30	ng/ul	98
19) Hexachloroethane	8.575	117	395890	71.51	ng/ul	97
22) Nitrobenzene	8.716	77	1128765	76.99	ng/ul	98
23) Isophorone	9.245	82	2175561	70.16	ng/ul	99
25) 2-Nitrophenol	9.422	139	534923	77.59	ng/ul	99
26) 2,4-Dimethylphenol	9.492	107	1130720	72.68	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.722	93	1287480	70.89	ng/ul	98
29) 2,4-Dichlorophenol	9.951	162	916157	73.26	ng/ul	98
30) Naphthalene	10.339	128	3025164	66.76	ng/ul	99
32) 4-Chloroaniline	10.463	127	1264909	63.36	ng/ul	98
33) Hexachlorobutadiene	10.622	225	571858	68.21	ng/ul	97
34) Caprolactam	11.286	113	317227m	71.48	ng/ul	
35) 4-Chloro-3-methylphenol	11.610	107	1038362	75.03	ng/ul	99
36) 2-Methylnaphthalene	11.963	142	2259511	68.73	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.186	142	2177209	66.83	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.339	216	1160603	68.69	ng/ul	99
40) Hexachlorocyclopentadiene	12.316	237	674359	76.84	ng/ul	100
41) 2,4,6-Trichlorophenol	12.592	196	777381	75.45	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	820856	75.28	ng/ul	97
43) 1,1'-Biphenyl	12.998	154	2914889	68.58	ng/ul	98
44) 2-Chloronaphthalene	13.039	162	2241828	68.73	ng/ul	99
45) 2-Nitroaniline	13.263	65	762757	92.52	ng/ul	98
47) Dimethylphthalate	13.645	163	2880234	67.87	ng/ul	100
48) 2,6-Dinitrotoluene	13.769	165	631672	82.92	ng/ul	92
50) Acenaphthylene	13.886	152	3478340	66.96	ng/ul	99
51) 3-Nitroaniline	14.098	138	657908	76.88	ng/ul	97
52) Acenaphthene	14.233	153	2472948	67.36	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	385364	74.35	ng/ul	98
55) 4-Nitrophenol	14.421	109	375022	70.66	ng/ul	97
56) Dibenzofuran	14.574	168	3436557	68.35	ng/ul	99
57) 2,4-Dinitrotoluene	14.563	165	913479	81.03	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.810	232	755579	72.77	ng/ul	98
59) Diethylphthalate	15.015	149	3078181	69.55	ng/ul	100
61) Fluorene	15.227	166	3008402	69.99	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.227	204	1496707	70.86	ng/ul	96
63) 4-Nitroaniline	15.274	138	708314m	83.49	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.327	198	528042	72.87	ng/ul#	96
67) N-Nitrosodiphenylamine	15.445	169	2558487	69.48	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	895503	70.97	ng/ul	97
69) Hexachlorobenzene	16.227	284	1031345	68.83	ng/ul	97
70) Atrazine	16.410	200	947149	69.71	ng/ul	100
71) Pentachlorophenol	16.580	266	606494	70.64	ng/ul	99
72) Phenanthrene	16.962	178	4476163	66.97	ng/ul	98
74) Anthracene	17.057	178	4636051	67.84	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	1102130	61.46	ng/uL	98
76) Pentachlorobenzene	14.498	250	1113631	65.12	ng/uL	98
77) Carbazole	17.333	167	4164662	66.51	ng/ul	100
78) Di-n-butylphthalate	17.898	149	5481712	73.76	ng/ul	99
80) Fluoranthene	18.986	202	5249599	70.64	ng/ul	98
82) Pyrene	19.345	202	5380539	68.80	ng/ul	98
83) Butylbenzylphthalate	20.262	149	2550575	91.77	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.039	252	2276397	84.06	ng/ul	98
85) Benzo(a)anthracene	21.097	228	5252695	67.64	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.039	149	4126051	86.10	ng/ul	97
87) Chrysene	21.150	228	5116718	66.15	ng/ul	98
89) Di-n-octyl phthalate	21.892	149	6569348	81.49	ng/ul	100
90) Benzo(b)fluoranthene	22.627	252	5054482	73.96	ng/ul	99
91) Benzo(k)fluoranthene	22.668	252	5031030	70.03	ng/ul	99
93) Benzo(a)pyrene	23.168	252	4272928	68.85	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.409	276	4890449	65.10	ng/ul	98
95) Dibenzo(a,h)anthracene	25.415	278	4201559	65.98	ng/ul	99
96) Benzo(g,h,i)perylene	26.056	276	3718295	61.09	ng/ul	99

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

