

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030174.D
 Acq On : 26 May 2021 18:08
 Operator : CG/JU
 Sample : PB136652BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS652

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:34:00 AM

Quant Time: May 26 18:38:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 15:30:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	187973	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	830502	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	582498	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1308197	20.00	ng/ul	0.00
79) Chrysene-d12	21.397	240	1589542	20.00	ng/ul	0.00
88) Perylene-d12	23.691	264	1620279	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24975	5.44	ng/uL	0.00
4) Pyridine-d5	3.751	84	377596	29.32	ng/ul	0.00
7) Phenol-d5	7.034	99	612812	37.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	372318	35.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	468362	37.83	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	499501	38.06	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	223810	41.29	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	221136	42.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	525100	39.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	721131	36.45	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1773139	39.82	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	2184182	38.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	322684	44.84	ng/ul	0.00
60) Fluorene-d10	15.492	176	1549367	39.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	266801	42.07	ng/ul	0.00
73) Anthracene-d10	17.333	188	2489467	38.45	ng/ul	0.00
81) Pyrene-d10	19.615	212	3057123	35.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	3678671	40.05	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	64799	13.12	ng/uL	98
5) Pyridine	3.769	79	366528	27.72	ng/ul	97
6) Benzaldehyde	7.022	77	331868	37.63	ng/ul	98
8) Phenol	7.063	94	552088	32.88	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	430956	31.98	ng/ul	99
12) 2-Chlorophenol	7.439	128	425246	33.54	ng/ul	99
13) 2-Methylphenol	8.310	108	423546	33.36	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.410	45	701084	31.31	ng/ul	99
16) Acetophenone	8.698	105	706898	33.33	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.686	70	374462	33.47	ng/ul	99
18) 4-Methylphenol	8.639	108	468810	34.30	ng/ul	99
19) Hexachloroethane	8.963	117	165515	30.49	ng/ul	97
22) Nitrobenzene	9.075	77	507623	34.59	ng/ul	97
23) Isophorone	9.604	82	1038523	33.56	ng/ul	100
25) 2-Nitrophenol	9.786	139	224437	38.50	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	458254	29.55	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.080	93	626197	33.02	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	456335	35.49	ng/ul	99
30) Naphthalene	10.722	128	1471303	32.29	ng/ul	99
32) 4-Chloroaniline	10.827	127	631558	30.83	ng/ul	99
33) Hexachlorobutadiene	11.010	225	279778	31.94	ng/ul	99
34) Caprolactam	11.598	113	165325m	42.10	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	503435	37.36	ng/ul	99
36) 2-Methylnaphthalene	12.327	142	1126415	33.06	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1097806	33.14	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	601612	31.83	ng/ul	98
40) Hexachlorocyclopentadiene	12.680	237	295343	22.30	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	387724	36.55	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	436890	38.07	ng/ul	100
43) 1,1'-Biphenyl	13.339	154	1503019	32.35	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	1171162	32.80	ng/ul	98
45) 2-Nitroaniline	13.574	65	329665	40.19	ng/ul	95
47) Dimethylphthalate	13.957	163	1594407	36.25	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	301672	43.03	ng/ul	94
50) Acenaphthylene	14.221	152	1811610	32.68	ng/ul	99
51) 3-Nitroaniline	14.398	138	320272	39.20	ng/ul	99
52) Acenaphthene	14.562	153	1329607	33.96	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	153603	34.90	ng/ul	97
55) 4-Nitrophenol	14.698	109	229283	29.02	ng/ul	98
56) Dibenzofuran	14.898	168	1883133	34.74	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	448751	44.14	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	387937	40.03	ng/ul	99
59) Diethylphthalate	15.321	149	1657005	37.19	ng/ul	99
61) Fluorene	15.545	166	1631978	35.49	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	795677	35.29	ng/ul	99
63) 4-Nitroaniline	15.562	138	364650	43.40	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.615	198	246034	37.61	ng/ul	97
67) N-Nitrosodiphenylamine	15.751	169	1420719	33.30	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	507314	34.45	ng/ul	96
69) Hexachlorobenzene	16.545	284	584148	34.71	ng/ul	98
70) Atrazine	16.698	200	526087	34.37	ng/ul	99
71) Pentachlorophenol	16.886	266	333795	32.47	ng/ul	98
72) Phenanthrene	17.280	178	2705886	35.29	ng/ul	100
74) Anthracene	17.368	178	2723690	34.63	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	613610	28.75	ng/uL	100
76) Pentachlorobenzene	14.821	250	624342	31.53	ng/uL	99
77) Carbazole	17.633	167	2581869	36.23	ng/ul	100
78) Di-n-butylphthalate	18.198	149	3026949	38.24	ng/ul	100
80) Fluoranthene	19.286	202	3383304	32.48	ng/ul	98
82) Pyrene	19.645	202	3541880	32.54	ng/ul	98
83) Butylbenzylphthalate	20.533	149	1417788	38.16	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	1248978	37.11	ng/ul	99
85) Benzo(a)anthracene	21.380	228	3706681	35.39	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	2295034	38.49	ng/ul	98
87) Chrysene	21.433	228	3604793	35.36	ng/ul	98
89) Di-n-octyl phthalate	22.197	149	3934012	37.76	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	4014482	36.97	ng/ul	100
91) Benzo(k)fluoranthene	23.044	252	3904447	36.46	ng/ul	99
93) Benzo(a)pyrene	23.597	252	3577289	37.33	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.038	276	4490952	37.41	ng/ul	99
95) Dibenzo(a,h)anthracene	26.050	278	3775329	37.62	ng/ul	99
96) Benzo(g,h,i)perylene	26.756	276	3584757	36.55	ng/ul	100

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

