

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032474.D
 Acq On : 13 Oct 2021 01:35
 Operator : CG/JU
 Sample : PB139806BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS806

Quant Time: Oct 13 03:26:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 12 09:54:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	237590	20.00	ng/ul	0.00
20) Naphthalene-d8	10.395	136	1060704	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.254	164	704140	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.983	188	1452829	20.00	ng/ul	0.00
79) Chrysene-d12	21.148	240	1380561	20.00	ng/ul	0.00
88) Perylene-d12	23.289	264	1401429	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	36299	6.13	ng/uL	0.00
4) Pyridine-d5	3.384	84	492804	29.44	ng/ul	0.00
7) Phenol-d5	6.801	99	663786	32.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	374791	32.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.148	132	517040	33.52	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	554378	33.97	ng/ul	0.00
21) Nitrobenzene-d5	8.760	128	269466	36.01	ng/ul	0.00
24) 2-Nitrophenol-d4	9.484	143	300556	37.26	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.031	165	553437	34.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.531	131	684555	28.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.660	166	1673891	34.35	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	2063949	34.86	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	319039	33.34	ng/ul	0.00
60) Fluorene-d10	15.242	176	1417002	34.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.366	200	285097	34.43	ng/ul	0.00
73) Anthracene-d10	17.083	188	2192695	34.67	ng/ul	0.00
81) Pyrene-d10	19.365	212	2428612	34.97	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.153	264	2277792	32.46	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.990	88	68343	10.60	ng/uL	94
5) Pyridine	3.402	79	480685	29.03	ng/ul	97
6) Benzaldehyde	6.737	77	386035	40.59	ng/ul	97
8) Phenol	6.825	94	656617	32.08	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.025	93	503745	31.28	ng/ul	98
12) 2-Chlorophenol	7.178	128	523671	32.86	ng/ul	99
13) 2-Methylphenol	8.072	108	510303	32.51	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.143	45	626116	31.39	ng/ul	99
16) Acetophenone	8.425	105	807554	33.78	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.419	70	405865	34.39	ng/ul	97
18) 4-Methylphenol	8.401	108	556349	33.82	ng/ul	97
19) Hexachloroethane	8.695	117	208442	32.88	ng/ul	95
22) Nitrobenzene	8.801	77	583858	32.86	ng/ul	98
23) Isophorone	9.325	82	1172969	34.22	ng/ul	100
25) 2-Nitrophenol	9.519	139	307266	34.86	ng/ul	98
26) 2,4-Dimethylphenol	9.589	107	629547	33.40	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.807	93	729728	32.10	ng/ul	100
29) 2,4-Dichlorophenol	10.054	162	528370	33.42	ng/ul	99
30) Naphthalene	10.448	128	1733617	31.89	ng/ul	99
32) 4-Chloroaniline	10.554	127	612933	25.77	ng/ul	99
33) Hexachlorobutadiene	10.754	225	327316	32.09	ng/ul	98
34) Caprolactam	11.307	113	177555	31.16	ng/ul	97
35) 4-Chloro-3-methylphenol	11.701	107	593522	34.12	ng/ul	100
36) 2-Methylnaphthalene	12.060	142	1211780	32.77	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.283	142	1223442	32.50	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.448	216	636113	32.76	ng/ul	99
40) Hexachlorocyclopentadiene	12.436	237	359577	31.78	ng/ul	99
41) 2,4,6-Trichlorophenol	12.689	196	429307	34.53	ng/ul	98
42) 2,4,5-Trichlorophenol	12.760	196	465309	34.10	ng/ul	100
43) 1,1'-Biphenyl	13.083	154	1633814	32.36	ng/ul	99
44) 2-Chloronaphthalene	13.125	162	1246757	32.40	ng/ul	99
45) 2-Nitroaniline	13.330	65	363151	35.34	ng/ul	93
47) Dimethylphthalate	13.707	163	1584475	32.47	ng/ul	100
48) 2,6-Dinitrotoluene	13.824	165	327337	35.99	ng/ul	94
50) Acenaphthylene	13.977	152	2084612	33.28	ng/ul	99
51) 3-Nitroaniline	14.154	138	312631	32.88	ng/ul	97
52) Acenaphthene	14.319	153	1339116	32.38	ng/ul	100
53) 2,4-Dinitrophenol	14.360	184	180574	30.87	ng/ul	97
55) 4-Nitrophenol	14.483	109	246629	31.93	ng/ul	96
56) Dibenzofuran	14.654	168	1925799	32.13	ng/ul	100
57) 2,4-Dinitrotoluene	14.613	165	476427	35.44	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.889	232	393367	35.50	ng/ul	99
59) Diethylphthalate	15.077	149	1603950	32.94	ng/ul	100
61) Fluorene	15.301	166	1500304	32.58	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.289	204	746926	32.11	ng/ul	98
63) 4-Nitroaniline	15.319	138	357324	40.66	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.377	198	270296	33.21	ng/ul	98
67) N-Nitrosodiphenylamine	15.507	169	1345978	33.21	ng/ul	100
68) 4-Bromophenyl-phenylether	16.177	248	461986	32.99	ng/ul	100
69) Hexachlorobenzene	16.313	284	523861	32.48	ng/ul	98
70) Atrazine	16.454	200	499466	32.60	ng/ul	98
71) Pentachlorophenol	16.654	266	325649	33.49	ng/ul	99
72) Phenanthrene	17.024	178	2436686	32.50	ng/ul	100
74) Anthracene	17.113	178	2490292	33.06	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.054	216	641016	31.43	ng/uL	99
76) Pentachlorobenzene	14.589	250	629162	31.06	ng/uL	99
77) Carbazole	17.383	167	2269612	33.78	ng/ul	99
78) Di-n-butylphthalate	17.936	149	2665769	34.35	ng/ul	100
80) Fluoranthene	19.036	202	2847770	33.23	ng/ul	99
82) Pyrene	19.395	202	2882030	32.74	ng/ul	97
83) Butylbenzylphthalate	20.283	149	1185996	35.50	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.065	252	797757	31.87	ng/ul	98
85) Benzo(a)anthracene	21.130	228	2689290	32.30	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.053	149	1667003	35.90	ng/ul	100
87) Chrysene	21.183	228	2649105	32.32	ng/ul	99
89) Di-n-octyl phthalate	21.895	149	2986519	37.42	ng/ul	100
90) Benzo(b)fluoranthene	22.653	252	2719381	31.89	ng/ul	99
91) Benzo(k)fluoranthene	22.694	252	2655218	34.33	ng/ul	100
93) Benzo(a)pyrene	23.200	252	2635461	32.67	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.412	276	2678492	30.04	ng/ul	99
95) Dibenzo(a,h)anthracene	25.418	278	2321623	30.34	ng/ul	100
96) Benzo(g,h,i)perylene	26.065	276	2280949	29.23	ng/ul	99

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

