

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
 Data File : BM034194.D
 Acq On : 09 Mar 2022 19:59
 Operator : CG/JU
 Sample : PB143147BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS147

Quant Time: Mar 10 00:01:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 13:09:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	160916	20.000	ng/u1	0.00
20) Naphthalene-d8	10.801	136	662592	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.624	164	448556	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.365	188	880021	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.536	240	739734	20.000	ng/u1	0.00
88) Perylene-d12	23.983	264	775889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	19928	5.696	ng/uL	0.00
4) Pyridine-d5	3.790	84	257184	25.252	ng/u1	0.00
7) Phenol-d5	7.137	99	358511	28.434	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.307	67	195929	28.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.519	132	309848	29.645	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	302771	28.658	ng/u1	0.00
21) Nitrobenzene-d5	9.148	128	154092	30.015	ng/u1	0.00
24) 2-Nitrophenol-d4	9.878	143	173980	31.202	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	344998	30.003	ng/u1	0.00
31) 4-Chloroaniline-d4	10.931	131	375950	23.930	ng/u1	0.00
46) Dimethylphthalate-d6	14.030	166	1012163	29.736	ng/u1	0.00
49) Acenaphthylene-d8	14.319	160	1274460	29.942	ng/u1	0.00
54) 4-Nitrophenol-d4	14.807	143	166187	26.240	ng/u1	0.00
60) Fluorene-d10	15.613	176	883016	29.149	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	164426	28.953	ng/u1	0.00
73) Anthracene-d10	17.465	188	1302175	30.039	ng/u1	0.00
81) Pyrene-d10	19.748	212	1360649	33.463	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.824	264	1259205	30.594	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	37806	9.981	ng/uL#	72
5) Pyridine	3.807	79	262315	25.475	ng/u1#	70
6) Benzaldehyde	7.119	77	216666	33.483	ng/u1#	73
8) Phenol	7.166	94	346155	27.142	ng/u1#	80
10) Bis(2-Chloroethyl)ether	7.401	93	268816	27.160	ng/u1#	84
12) 2-Chlorophenol	7.548	128	300186	27.805	ng/u1#	79
13) 2-Methylphenol	8.425	108	269840	27.135	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.519	45	241153	27.451	ng/u1#	80
16) Acetophenone	8.813	105	445628	26.772	ng/u1#	82
17) N-Nitroso-di-n-propyla...	8.801	70	218687	28.760	ng/u1#	79
18) 4-Methylphenol	8.760	108	293720	27.043	ng/u1	99
19) Hexachloroethane	9.084	117	121969	27.472	ng/u1#	62
22) Nitrobenzene	9.195	77	323563	27.870	ng/u1#	83
23) Isophorone	9.725	82	601889	28.755	ng/u1#	92
25) 2-Nitrophenol	9.907	139	178012	29.298	ng/u1#	71
26) 2,4-Dimethylphenol	9.966	107	345187	28.088	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.207	93	371589	28.317	ng/u1#	96
29) 2,4-Dichlorophenol	10.448	162	324685	28.570	ng/u1	94
30) Naphthalene	10.854	128	966289	27.239	ng/u1	99
32) 4-Chloroaniline	10.954	127	356810	22.303	ng/u1	98
33) Hexachlorobutadiene	11.148	225	238813	27.593	ng/u1	97
34) Caprolactam	11.713	113	89198	26.084	ng/u1#	49
35) 4-Chloro-3-methylphenol	12.077	107	318722	28.702	ng/u1#	72
36) 2-Methylnaphthalene	12.460	142	709597	27.889	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	712626	27.336	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.830	216	442632	28.249	ng/ul#	95
40) Hexachlorocyclopentadiene	12.813	237	285856	27.023	ng/ul	98
41) 2,4,6-Trichlorophenol	13.060	196	283149	29.604	ng/ul	97
42) 2,4,5-Trichlorophenol	13.130	196	309532	29.343	ng/ul	95
43) 1,1'-Biphenyl	13.466	154	981402	28.101	ng/ul#	96
44) 2-Chloronaphthalene	13.507	162	770217	28.060	ng/ul	95
45) 2-Nitroaniline	13.701	65	181716	28.769	ng/ul#	63
47) Dimethylphthalate	14.077	163	962220	27.949	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	198896	29.066	ng/ul#	83
50) Acenaphthylene	14.348	152	1202938	28.031	ng/ul	99
51) 3-Nitroaniline	14.519	138	167957	26.835	ng/ul#	76
52) Acenaphthene	14.689	153	786762	27.688	ng/ul	98
53) 2,4-Dinitrophenol	14.724	184	108919	25.156	ng/ul#	68
55) 4-Nitrophenol	14.818	109	143049	26.043	ng/ul#	76
56) Dibenzofuran	15.024	168	1153838	27.570	ng/ul	92
57) 2,4-Dinitrotoluene	14.977	165	278389	27.821	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.248	232	261206	28.567	ng/ul#	84
59) Diethylphthalate	15.442	149	928366	27.471	ng/ul	98
61) Fluorene	15.671	166	935142	27.163	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.665	204	513631	27.711	ng/ul#	87
63) 4-Nitroaniline	15.677	138	189547	32.738	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.742	198	158804	27.691	ng/ul#	80
67) N-Nitrosodiphenylamine	15.871	169	800267	30.498	ng/ul	98
68) 4-Bromophenyl-phenylether	16.554	248	305670	31.770	ng/ul#	89
69) Hexachlorobenzene	16.677	284	371125	29.649	ng/ul#	86
70) Atrazine	16.818	200	293894	27.664	ng/ul	98
71) Pentachlorophenol	17.012	266	218759	27.538	ng/ul	97
72) Phenanthrene	17.407	178	1406158	28.243	ng/ul	99
74) Anthracene	17.501	178	1434283	28.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	455097	30.180	ng/uL	98
76) Pentachlorobenzene	14.948	250	462989	32.789	ng/uL	98
77) Carbazole	17.765	167	1193966	26.614	ng/ul	99
78) Di-n-butylphthalate	18.330	149	1369982	28.015	ng/ul	98
80) Fluoranthene	19.418	202	1540584	32.278	ng/ul#	92
82) Pyrene	19.777	202	1550502	31.405	ng/ul#	92
83) Butylbenzylphthalate	20.671	149	510391	30.210	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.447	252	402817	27.997	ng/ul	95
85) Benzo(a)anthracene	21.518	228	1423133	29.182	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.447	149	709475	28.689	ng/ul	99
87) Chrysene	21.577	228	1395671	29.298	ng/ul	97
89) Di-n-octyl phthalate	22.389	149	1145503	23.762	ng/ul	100
90) Benzo(b)fluoranthene	23.236	252	1499443	27.919	ng/ul#	97
91) Benzo(k)fluoranthene	23.283	252	1404057	27.819	ng/ul#	98
93) Benzo(a)pyrene	23.871	252	1466707	29.085	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.535	276	1753466	33.308	ng/ul	97
95) Dibenzo(a,h)anthracene	26.547	278	1522045	33.509	ng/ul	96
96) Benzo(g,h,i)perylene	27.318	276	1505267	34.216	ng/ul	96

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

