

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015565.D
 Acq On : 15 Jun 2023 20:24
 Operator : MA/JU
 Sample : PB153338BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS338

Quant Time: Jun 15 22:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	1522	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.910	136	8578	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.728	164	6234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.586	188	1492076	20.000	ng/ul	0.10
79) Chrysene-d12	21.698	240	52	20.000	ng/ul	# 0.13
88) Perylene-d12	24.262	264	730	20.000	ng/ul	# 0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	18927	460.492	ng/uL	0.00
4) Pyridine-d5	3.846	84	246840	2312.059	ng/ul	0.00
7) Phenol-d5	7.240	99	391792	2794.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	233484	2788.202	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	301280	2963.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	336056	2920.253	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	158171	2348.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	184565	2399.802	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	341820	2436.461	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	393516	1954.141	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1110110	2258.208	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1221468	2272.366	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	194411	2208.394	ng/ul	0.00
60) Fluorene-d10	15.722	176	919926	2219.136	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	202278	21.400	ng/ul	0.00
73) Anthracene-d10	17.586	188	1492359	21.983	ng/ul	0.00
81) Pyrene-d10	19.810	212	1875081	673733.348	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1966213	53680.045	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	39240	903.829	ng/uL#	86
5) Pyridine	3.864	79	284069	2566.524	ng/ul	95
6) Benzaldehyde	7.222	77	211841	3952.635	ng/ul	96
8) Phenol	7.269	94	399872	2764.268	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.504	93	297468	2600.863	ng/ul	99
12) 2-Chlorophenol	7.646	128	297717	2771.785	ng/ul	98
13) 2-Methylphenol	8.534	108	306347	2752.423	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	404759	2670.550	ng/ul	97
16) Acetophenone	8.922	105	504825	2748.815	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.904	70	264828	2671.743	ng/ul	96
18) 4-Methylphenol	8.869	108	340342	2779.236	ng/ul	99
19) Hexachloroethane	9.175	117	124501	2742.988	ng/ul	96
22) Nitrobenzene	9.304	77	406020	2273.365	ng/ul	98
23) Isophorone	9.834	82	779630	2180.666	ng/ul	98
25) 2-Nitrophenol	10.022	139	190605	2295.429	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	371550	2109.942	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.316	93	446045	2145.927	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	329592	2362.847	ng/ul	98
30) Naphthalene	10.963	128	1013122	2179.557	ng/ul	99
32) 4-Chloroaniline	11.081	127	371462	1782.734	ng/ul	97
33) Hexachlorobutadiene	11.240	225	213537	2269.945	ng/ul	97
34) Caprolactam	11.869	113	117234	2232.629	ng/ul	93
35) 4-Chloro-3-methylphenol	12.198	107	401427	2375.198	ng/ul	96
36) 2-Methylnaphthalene	12.563	142	713947	2184.829	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	720801	2190.806	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	415336	2139.554	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	153969	1934.962	ng/ul	95
41) 2,4,6-Trichlorophenol	13.169	196	280642	2172.131	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	309176	2195.971	ng/ul	95
43) 1,1'-Biphenyl	13.563	154	992501	2058.714	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	786771	2080.053	ng/ul	98
45) 2-Nitroaniline	13.822	65	277058	2288.670	ng/ul	98
47) Dimethylphthalate	14.181	163	1068043	2104.261	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	234256	2252.721	ng/ul	99
50) Acenaphthylene	14.457	152	1236234	2076.774	ng/ul	99
51) 3-Nitroaniline	14.645	138	228243	2658.831	ng/ul	99
52) Acenaphthene	14.792	153	861116	2092.749	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	122268	1954.610	ng/ul	98
55) 4-Nitrophenol	14.951	109	187588	2209.158	ng/ul	92
56) Dibenzofuran	15.128	168	1217957	2088.415	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	339570	2220.216	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.357	232	274823	2161.877	ng/ul	97
59) Diethylphthalate	15.539	149	1118616	2150.385	ng/ul	99
61) Fluorene	15.781	166	1003626	2111.045	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	503454	2101.182	ng/ul	99
63) 4-Nitroaniline	15.810	138	240616	2955.047	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.863	198	195228	20.251	ng/ul	94
67) N-Nitrosodiphenylamine	15.986	169	870304	20.560	ng/ul	100
68) 4-Bromophenyl-phenylether	16.669	248	335055	20.990	ng/ul	99
69) Hexachlorobenzene	16.786	284	401908	21.345	ng/ul	94
70) Atrazine	16.933	200	196845	11.645	ng/ul	99
72) Phenanthrene	17.622	178	1681714	21.003	ng/ul	99
74) Anthracene	17.622	178	1679992	20.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	423135	20.548	ng/uL	98
76) Pentachlorobenzene	15.045	250	435541	20.201	ng/uL	99
77) Carbazole	17.892	167	1558054	21.299	ng/ul	99
78) Di-n-butylphthalate	18.416	149	2039472	21.974	ng/ul	99
80) Fluoranthene	19.486	202	2143617	632313.832	ng/ul	97
82) Pyrene	19.839	202	2209429	629944.108	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1033353	666591.875	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	791306	644119.330	ng/ul	98
85) Benzo(a)anthracene	21.610	228	2153612	592433.030	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.445	149	1545882	674666.883	ng/ul	99
87) Chrysene	21.610	228	2149433	625553.558	ng/ul	98
89) Di-n-octyl phthalate	22.415	149	2760096	57528.813	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2316924	49169.120	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2312620	50770.570	ng/ul	100
93) Benzo(a)pyrene	24.004	252	2019247	49150.209	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	2000600	37627.532	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1673218	38627.851	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	1617542	36916.454	ng/ul	99

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

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