

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014473.D
 Acq On : 01 Apr 2023 08:18
 Operator : CG/JU
 Sample : 02158-04MS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 02158-03MSMS

Quant Time: Apr 03 00:43:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	164641	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	739026	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.663	164	498352	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.427	188	1104001	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	860413	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	786138	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	18284	4.307	ng/uL	0.00
4) Pyridine-d5	3.822	84	114670	10.540	ng/u1	0.00
7) Phenol-d5	7.187	99	199926	13.167	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	412879	42.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	339820	30.965	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	326664	26.671	ng/u1	0.01
21) Nitrobenzene-d5	9.193	128	203579	34.123	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	230835	33.790	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	420274	33.780	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	421820	25.739	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1481613	36.667	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1534199	34.218	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	46152	7.560	ng/u1	0.02
60) Fluorene-d10	15.663	176	1218974	36.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	254993	31.390	ng/u1	0.00
73) Anthracene-d10	17.527	188	1972998	36.928	ng/u1	0.00
81) Pyrene-d10	19.757	212	2212326	38.280	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1568098	37.544	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	175665	37.651	ng/uL	97
5) Pyridine	3.840	79	147584	12.962	ng/u1	96
6) Benzaldehyde	7.151	77	276459	36.630	ng/u1	98
8) Phenol	7.210	94	217835	13.830	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.434	93	435117	34.375	ng/u1	100
12) 2-Chlorophenol	7.575	128	353277	30.928	ng/u1	96
13) 2-Methylphenol	8.469	108	350972	29.878	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	588675	35.421	ng/u1	99
16) Acetophenone	8.845	105	716046	35.404	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	402718	36.858	ng/u1	97
18) 4-Methylphenol	8.804	108	357561	27.716	ng/u1	99
19) Hexachloroethane	9.093	117	167450	33.551	ng/u1	96
22) Nitrobenzene	9.234	77	581718	33.941	ng/u1	99
23) Isophorone	9.763	82	1134091	35.897	ng/u1	99
25) 2-Nitrophenol	9.945	139	244188	33.865	ng/u1	96
26) 2,4-Dimethylphenol	10.010	107	535719	33.193	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.240	93	647120	34.164	ng/u1	98
29) 2,4-Dichlorophenol	10.487	162	416748	34.037	ng/u1	94
30) Naphthalene	10.887	128	1381635	33.563	ng/u1	99
32) 4-Chloroaniline	11.004	127	437582	26.362	ng/u1	100
33) Hexachlorobutadiene	11.157	225	315212	32.495	ng/u1	99
34) Caprolactam	11.834	113	43348	11.984	ng/u1	84
35) 4-Chloro-3-methylphenol	12.134	107	536810	35.645	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	955193	34.239	ng/u1	99

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37) 1-Methylnaphthalene	12.710	142	990248	35.791	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	594397	33.453	ng/ul	100
40) Hexachlorocyclopentadiene	12.828	237	275180	23.915	ng/ul	100
41) 2,4,6-Trichlorophenol	13.104	196	381013	34.653	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	418352	35.740	ng/ul	96
43) 1,1'-Biphenyl	13.498	154	1345835	33.427	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	1063830	33.417	ng/ul	99
45) 2-Nitroaniline	13.763	65	379114	38.454	ng/ul	99
47) Dimethylphthalate	14.122	163	1502932	37.200	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	318150	40.306	ng/ul	100
50) Acenaphthylene	14.392	152	1675424	35.087	ng/ul	100
51) 3-Nitroaniline	14.592	138	176889	25.014	ng/ul	96
52) Acenaphthene	14.733	153	1165128	34.530	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	140947	27.574	ng/ul	96
55) 4-Nitrophenol	14.916	109	42525	7.059	ng/ul	93
56) Dibenzofuran	15.063	168	1656217	34.916	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	458667	40.965	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.298	232	381718	36.284	ng/ul	100
59) Diethylphthalate	15.480	149	1574218	39.210	ng/ul	98
61) Fluorene	15.722	166	1395506	36.296	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	746596	36.144	ng/ul	99
63) 4-Nitroaniline	15.757	138	231909	40.363	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.810	198	247713	31.466	ng/ul#	95
67) N-Nitrosodiphenylamine	15.927	169	1220294	35.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	493204	35.901	ng/ul	98
69) Hexachlorobenzene	16.722	284	576292	36.521	ng/ul	98
70) Atrazine	16.886	200	338485	27.070	ng/ul	99
71) Pentachlorophenol	17.080	266	267871	29.302	ng/ul	98
72) Phenanthrene	17.474	178	2271902	36.989	ng/ul	100
74) Anthracene	17.563	178	2316686	37.424	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	604227	31.093	ng/ul	99
76) Pentachlorobenzene	14.980	250	644588	33.242	ng/ul	98
77) Carbazole	17.839	167	2029762	39.182	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2795168	42.912	ng/ul	100
80) Fluoranthene	19.433	202	2679524	39.213	ng/ul	99
82) Pyrene	19.786	202	2692272	37.738	ng/ul	100
83) Butylbenzylphthalate	20.645	149	1180488	48.038	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.427	252	765578	40.232	ng/ul	98
85) Benzo(a)anthracene	21.498	228	2346302	38.482	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1706737	50.790	ng/ul	100
87) Chrysene	21.557	228	2217723	38.522	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	2603123	51.026	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	2030424	38.242	ng/ul	100
91) Benzo(k)fluoranthene	23.315	252	1994181	38.672	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1744684	38.176	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	2290122	36.424	ng/ul	100
95) Dibenzo(a,h)anthracene	26.703	278	1907741	36.240	ng/ul	98
96) Benzo(g,h,i)perylene	27.497	276	1850004	36.097	ng/ul	99

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

