

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031145.D
 Acq On : 23 Apr 2024 06:46
 Operator : MA/JU
 Sample : PB160415BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS415

Quant Time: Apr 23 07:20:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	94930	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	434346	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	295424	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	676640	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	786478	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1035215	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	16469	8.105	ng/uL	0.00
4) Pyridine-d5	3.552	84	210637	35.996	ng/u1	0.00
7) Phenol-d5	6.805	99	317494	39.647	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	177726	38.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	249854	40.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	256803	38.132	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	128791	41.269	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	137960	42.529	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	262336	41.008	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	416802	41.693	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	797810	38.808	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	946962	40.649	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	178985	41.714	ng/u1	0.00
60) Fluorene-d10	15.275	176	699536	39.088	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	131793	38.606	ng/u1	0.00
73) Anthracene-d10	17.128	188	1160678	39.576	ng/u1	0.00
81) Pyrene-d10	19.428	212	1558963	40.338	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2041495	41.586	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	25947	12.050	ng/uL	92
5) Pyridine	3.570	79	212078	35.915	ng/u1	97
6) Benzaldehyde	6.781	77	173389	44.096	ng/u1	98
8) Phenol	6.834	94	321840	38.982	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.064	93	239461	36.760	ng/u1	99
12) 2-Chlorophenol	7.199	128	254748	39.306	ng/u1	99
13) 2-Methylphenol	8.075	108	238520	37.280	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.152	45	307523	36.209	ng/u1	99
16) Acetophenone	8.452	105	376210	36.055	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	183422	35.267	ng/u1	97
18) 4-Methylphenol	8.399	108	269908	37.661	ng/u1	96
19) Hexachloroethane	8.699	117	101202	37.630	ng/u1	95
22) Nitrobenzene	8.828	77	278943	37.872	ng/u1	99
23) Isophorone	9.352	82	543745	36.175	ng/u1	98
25) 2-Nitrophenol	9.534	139	147234	41.023	ng/u1	96
26) 2,4-Dimethylphenol	9.593	107	247547	33.820	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	330312	36.179	ng/u1	99
29) 2,4-Dichlorophenol	10.058	162	254637	39.852	ng/u1	98
30) Naphthalene	10.458	128	844123	37.500	ng/u1	100
32) 4-Chloroaniline	10.581	127	330446	34.019	ng/u1	96
33) Hexachlorobutadiene	10.734	225	142285	36.529	ng/u1	99
34) Caprolactam	11.357	113	92367	36.690	ng/u1	95
35) 4-Chloro-3-methylphenol	11.704	107	287792	38.848	ng/u1	95
36) 2-Methylnaphthalene	12.081	142	591742	37.277	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	596208	37.118	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.451	216	296441	38.348	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	116774	27.500	ng/ul	97
41) 2,4,6-Trichlorophenol	12.699	196	202796	39.413	ng/ul	88
42) 2,4,5-Trichlorophenol	12.769	196	226262	39.661	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	777381	38.261	ng/ul	98
44) 2-Chloronaphthalene	13.146	162	604983	37.262	ng/ul	99
45) 2-Nitroaniline	13.363	65	184375	41.136	ng/ul	97
47) Dimethylphthalate	13.740	163	777958	36.682	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	156841	39.396	ng/ul	98
50) Acenaphthylene	13.998	152	1007024	37.006	ng/ul	99
51) 3-Nitroaniline	14.193	138	185789	40.650	ng/ul	98
52) Acenaphthene	14.340	153	656439	36.389	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	80573	35.788	ng/ul	93
55) 4-Nitrophenol	14.510	109	138988	39.914	ng/ul	97
56) Dibenzofuran	14.681	168	947578	37.992	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	246704	40.783	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	192529	39.050	ng/ul	99
59) Diethylphthalate	15.110	149	820537	37.620	ng/ul	99
61) Fluorene	15.328	166	761417	37.096	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.328	204	356939	36.510	ng/ul	96
63) 4-Nitroaniline	15.363	138	221743	44.999	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.416	198	139654	38.099	ng/ul	94
67) N-Nitrosodiphenylamine	15.545	169	692263	38.170	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	230529	36.025	ng/ul	94
69) Hexachlorobenzene	16.328	284	286444	38.829	ng/ul	99
70) Atrazine	16.504	200	214977	33.763	ng/ul	97
71) Pentachlorophenol	16.681	266	196018	40.897	ng/ul	96
72) Phenanthrene	17.069	178	1342511	37.512	ng/ul	99
74) Anthracene	17.163	178	1339524	36.985	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	303838	38.283	ng/ul	98
76) Pentachlorobenzene	14.593	250	299097	36.494	ng/ul	97
77) Carbazole	17.439	167	1352172	40.871	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1569800	38.928	ng/ul	99
80) Fluoranthene	19.092	202	1756940	38.412	ng/ul	99
82) Pyrene	19.463	202	1870563	38.923	ng/ul	97
83) Butylbenzylphthalate	20.375	149	860140	40.562	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	685549	41.833	ng/ul	95
85) Benzo(a)anthracene	21.251	228	2118947	39.676	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.175	149	1242098	39.011	ng/ul	100
87) Chrysene	21.310	228	2047314	40.385	ng/ul	98
89) Di-n-octyl phthalate	22.275	149	2472718	41.439	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2355898	40.446	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2379115	40.611	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2046678	35.222	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.421	276	2748635	38.119	ng/ul	100
95) Dibenzo(a,h)anthracene	27.480	278	2239413	37.838	ng/ul	99
96) Benzo(g,h,i)perylene	28.439	276	2121582	36.537	ng/ul	97

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

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