

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028608.D
 Acq On : 14 Nov 2023 18:23
 Operator : MA/JU
 Sample : PB156978BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS978

Quant Time: Nov 14 23:38:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	148931	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	853523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	559405	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1131909	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	886017	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	848353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	34078	8.193	ng/uL	0.00
4) Pyridine-d5	3.558	84	347003	38.055	ng/u1	0.00
7) Phenol-d5	6.881	99	542411	38.124	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	344873	39.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	510005	41.017	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	460993	39.348	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	239812	31.293	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	233281	29.080	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	464390	34.047	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	628329	30.397	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1686034	33.427	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1913175	32.909	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	161472	30.209	ng/u1	-0.02
60) Fluorene-d10	15.339	176	1364175	32.805	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	217349	34.568	ng/u1	0.00
73) Anthracene-d10	17.192	188	2084498	32.991	ng/u1	0.00
81) Pyrene-d10	19.498	212	2324667	34.593	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	1858026	34.985	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	74238	16.712	ng/uL	100
5) Pyridine	3.575	79	378218	40.115	ng/u1	93
6) Benzaldehyde	6.852	77	150807	22.479	ng/u1	94
8) Phenol	6.904	94	612073	43.242	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	476977	39.703	ng/u1	99
12) 2-Chlorophenol	7.263	128	507218	40.999	ng/u1	99
13) 2-Methylphenol	8.152	108	423357	37.326	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.228	45	884511	47.691	ng/u1	99
16) Acetophenone	8.528	105	776246	40.297	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.510	70	435384	43.337	ng/u1	98
18) 4-Methylphenol	8.487	108	477457	39.202	ng/u1	94
19) Hexachloroethane	8.763	117	247162	43.496	ng/u1	93
22) Nitrobenzene	8.904	77	524893	32.004	ng/u1	97
23) Isophorone	9.422	82	1322130	36.151	ng/u1	99
25) 2-Nitrophenol	9.610	139	246238	29.185	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	487460	29.484	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	688729	32.609	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	455737	33.769	ng/u1	99
30) Naphthalene	10.540	128	1830986	33.502	ng/u1	99
32) 4-Chloroaniline	10.663	127	531739	27.438	ng/u1	99
33) Hexachlorobutadiene	10.822	225	347345	34.345	ng/u1	99
34) Caprolactam	11.434	113	169975	37.216	ng/u1	91
35) 4-Chloro-3-methylphenol	11.798	107	518670	35.236	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	1257567	34.753	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1283468	34.332	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	638568	33.599	ng/ul	93
40) Hexachlorocyclopentadiene	12.504	237	344847	36.032	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	385272	34.583	ng/ul	94
42) 2,4,5-Trichlorophenol	12.851	196	384466	28.887	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	1655282	33.571	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1319761	33.549	ng/ul	99
45) 2-Nitroaniline	13.439	65	299445	29.802	ng/ul	95
47) Dimethylphthalate	13.816	163	1770520	35.407	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	346415	35.083	ng/ul	99
50) Acenaphthylene	14.063	152	2320543	35.434	ng/ul	99
51) 3-Nitroaniline	14.275	138	202499	20.921	ng/ul	99
52) Acenaphthene	14.404	153	1523064	35.340	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	60010	24.804	ng/ul	94
55) 4-Nitrophenol	14.586	109	110845	31.705	ng/ul	96
56) Dibenzofuran	14.745	168	1988013	34.573	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	484624	35.704	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	374476	34.954	ng/ul	96
59) Diethylphthalate	15.181	149	1819711	35.589	ng/ul	99
61) Fluorene	15.392	166	1651889	34.465	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.398	204	806862	34.787	ng/ul	99
63) 4-Nitroaniline	15.445	138	205803	22.206	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	251462	38.277	ng/ul#	93
67) N-Nitrosodiphenylamine	15.616	169	1377505	35.299	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	457034	33.797	ng/ul	99
69) Hexachlorobenzene	16.398	284	574244	36.158	ng/ul	96
70) Atrazine	16.569	200	443032	37.068	ng/ul	98
71) Pentachlorophenol	16.745	266	300190	37.686	ng/ul	95
72) Phenanthrene	17.133	178	2524655	35.589	ng/ul	99
74) Anthracene	17.227	178	2475202	33.408	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	677236	34.965	ng/ul	98
76) Pentachlorobenzene	14.663	250	673813	35.500	ng/ul	98
77) Carbazole	17.504	167	2130764	35.107	ng/ul	98
78) Di-n-butylphthalate	18.080	149	2918838	35.998	ng/ul	100
80) Fluoranthene	19.163	202	2810756	35.751	ng/ul	99
82) Pyrene	19.527	202	2946012	36.330	ng/ul	99
83) Butylbenzylphthalate	20.451	149	1190795	35.167	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	642081	31.819	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2470540	35.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1711453	35.952	ng/ul	99
87) Chrysene	21.345	228	2498343	34.581	ng/ul	97
89) Di-n-octyl phthalate	22.133	149	2853629	38.981	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	2263763	36.898	ng/ul	97
91) Benzo(k)fluoranthene	22.957	252	2412668	35.055	ng/ul	97
93) Benzo(a)pyrene	23.509	252	2217932	36.330	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	2563757	35.933	ng/ul	99
95) Dibenzo(a,h)anthracene	25.986	278	2092145	35.570	ng/ul	96
96) Benzo(g,h,i)perylene	26.692	276	2093947	37.194	ng/ul	98

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

