

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032124\
 Data File : BN030445.D
 Acq On : 21 Mar 2024 13:38
 Operator : MA/JU
 Sample : P1743-07MS 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0737MS

Quant Time: Mar 21 14:26:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:37:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	331777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	1471155	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	937885	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1909495	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	1758389	20.000	ng/u1	0.00
88) Perylene-d12	24.327	264	1781636	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	25638	2.831	ng/uL	0.00
4) Pyridine-d5	3.623	84	345786	13.173	ng/u1	0.00
7) Phenol-d5	6.887	99	258312	7.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	692869	35.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	667302	28.195	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	459376	18.104	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	439418	39.120	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	392714	39.460	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	762234	33.881	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	1114625	30.403	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	2742724	37.320	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	3107880	36.293	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	120367	8.661	ng/u1	0.00
60) Fluorene-d10	15.363	176	2321912	37.081	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	327799	38.518	ng/u1	0.00
73) Anthracene-d10	17.216	188	3669998	39.570	ng/u1	0.00
81) Pyrene-d10	19.516	212	4193862	38.920	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.127	264	4029005	42.615	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	58500	6.286	ng/uL#	1
5) Pyridine	3.640	79	382990	14.441	ng/u1	99
6) Benzaldehyde	6.869	77	574919	38.029	ng/u1	99
8) Phenol	6.911	94	296061	9.004	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.158	93	1006121	37.510	ng/u1	99
12) 2-Chlorophenol	7.287	128	735688	29.935	ng/u1	98
13) 2-Methylphenol	8.163	108	565130	22.738	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1294986	36.659	ng/u1	98
16) Acetophenone	8.546	105	1549908	38.991	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.534	70	779013	37.492	ng/u1	98
18) 4-Methylphenol	8.487	108	533894	19.797	ng/u1	99
19) Hexachloroethane	8.799	117	355718	35.258	ng/u1	99
22) Nitrobenzene	8.922	77	1115046	39.211	ng/u1	99
23) Isophorone	9.452	82	2250409	36.846	ng/u1	98
25) 2-Nitrophenol	9.628	139	473832	40.377	ng/u1	98
26) 2,4-Dimethylphenol	9.687	107	744548	27.377	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.940	93	1372714	37.405	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	778844	34.661	ng/u1	98
30) Naphthalene	10.563	128	3138155	37.486	ng/u1	99
32) 4-Chloroaniline	10.675	127	831327	23.544	ng/u1	97
33) Hexachlorobutadiene	10.846	225	493503	35.936	ng/u1	97
34) Caprolactam	11.440	113	52566	5.966	ng/u1	98
35) 4-Chloro-3-methylphenol	11.793	107	855506	32.328	ng/u1	95
36) 2-Methylnaphthalene	12.181	142	2153959	37.887	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.399	142	2096120	37.476	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.546	216	1036435	36.688	ng/ul	96
40) Hexachlorocyclopentadiene	12.528	237	427411	26.834	ng/ul	97
41) 2,4,6-Trichlorophenol	12.787	196	642710	36.153	ng/ul	96
42) 2,4,5-Trichlorophenol	12.857	196	714686	37.058	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	2747762	36.662	ng/ul	100
44) 2-Chloronaphthalene	13.240	162	2173042	36.725	ng/ul	99
45) 2-Nitroaniline	13.446	65	670976	43.364	ng/ul	99
47) Dimethylphthalate	13.840	163	2896048	38.811	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	576333	44.944	ng/ul	99
50) Acenaphthylene	14.093	152	3677004	37.215	ng/ul	99
51) 3-Nitroaniline	14.275	138	585934	39.618	ng/ul	96
52) Acenaphthene	14.434	153	2392680	37.092	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	190826	33.127	ng/ul	100
55) 4-Nitrophenol	14.569	109	100262	9.341	ng/ul	99
56) Dibenzofuran	14.769	168	3271679	37.552	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	847635	45.497	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.993	232	593315	37.427	ng/ul	98
59) Diethylphthalate	15.210	149	2991604	39.495	ng/ul	100
61) Fluorene	15.422	166	2716167	38.750	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	1325074	39.379	ng/ul	98
63) 4-Nitroaniline	15.440	138	665018	46.674	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.493	198	391841	39.804	ng/ul	97
67) N-Nitrosodiphenylamine	15.634	169	2407233	40.390	ng/ul	95
68) 4-Bromophenyl-phenylether	16.316	248	855374	43.554	ng/ul	99
69) Hexachlorobenzene	16.416	284	992531	42.198	ng/ul	96
70) Atrazine	16.592	200	364972	19.043	ng/ul	99
71) Pentachlorophenol	16.757	266	537217	37.064	ng/ul	98
72) Phenanthrene	17.157	178	4535894	41.772	ng/ul	98
74) Anthracene	17.251	178	4497612	40.801	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	1053026	39.280	ng/ul	98
76) Pentachlorobenzene	14.681	250	1051442	39.848	ng/ul	98
77) Carbazole	17.522	167	4301203	43.964	ng/ul	97
78) Di-n-butylphthalate	18.104	149	5330301	43.325	ng/ul	100
80) Fluoranthene	19.181	202	5250380	40.458	ng/ul	99
82) Pyrene	19.545	202	5414445	40.378	ng/ul	99
83) Butylbenzylphthalate	20.463	149	2278073	44.145	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.269	252	1619449	40.900	ng/ul	96
85) Benzo(a)anthracene	21.345	228	5229795	39.967	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	3378306	42.728	ng/ul	97
87) Chrysene	21.404	228	4941285	40.865	ng/ul	96
89) Di-n-octyl phthalate	22.439	149	5565933	42.679	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	5228206	44.328	ng/ul	99
91) Benzo(k)fluoranthene	23.457	252	5162736	43.335	ng/ul	99
93) Benzo(a)pyrene	24.192	252	4737360	42.924	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.680	276	5191984	43.692	ng/ul	99
95) Dibenzo(a,h)anthracene	27.751	278	4356253	43.875	ng/ul	97
96) Benzo(g,h,i)perylene	28.721	276	4040370	43.087	ng/ul	97

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

