

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030701.D
 Acq On : 06 Apr 2024 09:59
 Operator : MA/JU
 Sample : P1893-03MS 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E07D1MS

Quant Time: Apr 07 12:06:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	103117	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	510159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	369686	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	819405	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	778588	20.000	ng/u1	0.00
88) Perylene-d12	24.262	264	877582	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9324	4.239	ng/uL	0.00
4) Pyridine-d5	3.599	84	140898	21.367	ng/u1	0.00
7) Phenol-d5	6.857	99	121367	14.549	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	313002	60.751	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	328367	51.891	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	235787	33.726	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	234755	66.335	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	243658	75.262	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	423422	59.741	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	609408	52.227	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1742850	70.611	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1852788	65.288	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	82621	17.500	ng/u1	0.00
60) Fluorene-d10	15.328	176	1454638	67.348	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	291704	80.652	ng/u1	0.00
73) Anthracene-d10	17.186	188	2401342	68.017	ng/u1	0.00
81) Pyrene-d10	19.486	212	2916701	69.677	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	3128052	77.356	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	22119	9.389	ng/uL#	1
5) Pyridine	3.616	79	142990	21.489	ng/u1	96
6) Benzaldehyde	6.840	77	290934	74.893	ng/u1	98
8) Phenol	6.887	94	128510	14.788	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	433106	61.118	ng/u1	97
12) 2-Chlorophenol	7.252	128	333062	49.064	ng/u1	96
13) 2-Methylphenol	8.134	108	259063	38.687	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.210	45	562990	56.422	ng/u1	98
16) Acetophenone	8.510	105	715267	64.799	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	354579	63.780	ng/u1	97
18) 4-Methylphenol	8.457	108	254532	33.954	ng/u1	99
19) Hexachloroethane	8.757	117	164018	57.630	ng/u1	97
22) Nitrobenzene	8.887	77	514583	59.565	ng/u1	99
23) Isophorone	9.410	82	1077336	62.531	ng/u1	100
25) 2-Nitrophenol	9.593	139	254628	66.921	ng/u1	96
26) 2,4-Dimethylphenol	9.657	107	366017	43.281	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	642548	58.658	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	412156	56.972	ng/u1	97
30) Naphthalene	10.522	128	1525587	58.306	ng/u1	100
32) 4-Chloroaniline	10.640	127	546673	48.614	ng/u1	100
33) Hexachlorobutadiene	10.804	225	256678	56.368	ng/u1	97
34) Caprolactam	11.422	113	31780	11.759	ng/u1	89
35) 4-Chloro-3-methylphenol	11.763	107	468406	57.486	ng/u1	98
36) 2-Methylnaphthalene	12.140	142	1117187	61.140	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1121877	60.481	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	560366	58.736	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	261314	48.230	ng/ul	96
41) 2,4,6-Trichlorophenol	12.757	196	403466	67.676	ng/ul	100
42) 2,4,5-Trichlorophenol	12.828	196	435746	64.719	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1513003	60.045	ng/ul	97
44) 2-Chloronaphthalene	13.204	162	1194069	60.198	ng/ul	99
45) 2-Nitroaniline	13.416	65	387152	73.341	ng/ul	100
47) Dimethylphthalate	13.798	163	1721811	67.531	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	369161	78.092	ng/ul	99
50) Acenaphthylene	14.051	152	2074927	63.280	ng/ul	100
51) 3-Nitroaniline	14.245	138	364067	72.559	ng/ul	100
52) Acenaphthene	14.398	153	1366328	62.529	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	172865	79.615	ng/ul	95
55) 4-Nitrophenol	14.551	109	64219	17.169	ng/ul	98
56) Dibenzofuran	14.734	168	1929153	63.513	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	540848	78.365	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.963	232	405460	72.511	ng/ul	99
59) Diethylphthalate	15.169	149	1851342	71.474	ng/ul	99
61) Fluorene	15.386	166	1559703	64.602	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	751109	63.412	ng/ul	98
63) 4-Nitroaniline	15.416	138	400190	82.039	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	299032	76.946	ng/ul	96
67) N-Nitrosodiphenylamine	15.598	169	1445639	64.782	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	515550	66.259	ng/ul	92
69) Hexachlorobenzene	16.381	284	597281	65.190	ng/ul	98
70) Atrazine	16.557	200	502478	64.965	ng/ul	95
71) Pentachlorophenol	16.728	266	357215	66.126	ng/ul	98
72) Phenanthrene	17.128	178	2749129	65.302	ng/ul	99
74) Anthracene	17.216	178	2752023	64.665	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	586276	58.239	ng/ul	99
76) Pentachlorobenzene	14.645	250	623711	60.998	ng/ul	99
77) Carbazole	17.492	167	2661049	71.299	ng/ul	99
78) Di-n-butylphthalate	18.057	149	3437473	75.498	ng/ul	100
80) Fluoranthene	19.145	202	3327372	66.867	ng/ul	99
82) Pyrene	19.510	202	3396272	64.626	ng/ul	99
83) Butylbenzylphthalate	20.421	149	1625880	81.013	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1013583	70.849	ng/ul	99
85) Benzo(a)anthracene	21.304	228	3595981	69.205	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	2307366	77.960	ng/ul	99
87) Chrysene	21.369	228	3298997	67.264	ng/ul	97
89) Di-n-octyl phthalate	22.357	149	4380180	78.816	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	3796529	73.509	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	3739557	71.296	ng/ul	99
93) Benzo(a)pyrene	24.133	252	3455803	70.833	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.580	276	4085736	77.471	ng/ul	98
95) Dibenzo(a,h)anthracene	27.645	278	3423945	77.119	ng/ul	99
96) Benzo(g,h,i)perylene	28.615	276	3248851	78.468	ng/ul	99

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

