

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
 Data File : BN030791.D
 Acq On : 09 Apr 2024 12:03
 Operator : MA/JU
 Sample : P1893-04MSD 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E07D1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 22:09:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	269141	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	1354392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	946165	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2056097	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1847909	20.000	ng/u1	0.01
88) Perylene-d12	24.251	264	2097490	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	22086	3.847	ng/uL	0.00
4) Pyridine-d5	3.593	84	231184	13.432	ng/u1	0.00
7) Phenol-d5	6.852	99	213030	9.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	539250	40.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	567202	34.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	412810	22.623	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	414468	44.114	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	433330	50.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	747315	39.716	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	1034761	33.404	ng/u1	0.00
46) Dimethylphthalate-d6	13.746	166	2891871	45.778	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	3061218	42.147	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	139401	11.537	ng/u1	0.00
60) Fluorene-d10	15.322	176	2428139	43.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	519212	57.210	ng/u1	0.01
73) Anthracene-d10	17.175	188	3858787	43.558	ng/u1	0.00
81) Pyrene-d10	19.481	212	4570864	46.007	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.063	264	4681384	48.438	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	34698	5.643	ng/uL#	1
5) Pyridine	3.611	79	240101	13.825	ng/u1	96
6) Benzaldehyde	6.828	77	481807m	47.520	ng/u1	
8) Phenol	6.875	94	224509	9.898	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.111	93	737749	39.887	ng/u1	100
12) 2-Chlorophenol	7.246	128	576288	32.526	ng/u1	97
13) 2-Methylphenol	8.122	108	445550	25.492	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	972288	37.333	ng/u1	98
16) Acetophenone	8.505	105	1230143	42.698	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	607468	41.864	ng/u1	98
18) 4-Methylphenol	8.452	108	439041	22.439	ng/u1	99
19) Hexachloroethane	8.746	117	278506	37.493	ng/u1	99
22) Nitrobenzene	8.881	77	913057	39.810	ng/u1	98
23) Isophorone	9.405	82	1861719	40.702	ng/u1	100
25) 2-Nitrophenol	9.587	139	451590	44.706	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	566609	25.237	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.887	93	1105083	38.000	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	711472	37.044	ng/u1	98
30) Naphthalene	10.516	128	2614239	37.634	ng/u1	100
32) 4-Chloroaniline	10.628	127	948473	31.770	ng/u1	99
33) Hexachlorobutadiene	10.793	225	452741	37.450	ng/u1	97
34) Caprolactam	11.434	113	54357	7.576	ng/u1	94
35) 4-Chloro-3-methylphenol	11.757	107	798217	36.900	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	1888734	38.934	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.352	142	1890370	38.387	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	955473	39.130	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	423262	30.523	ng/ul	99
41) 2,4,6-Trichlorophenol	12.746	196	679324	44.521	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	756270	43.888	ng/ul	98
43) 1,1'-Biphenyl	13.157	154	2501794	38.793	ng/ul	99
44) 2-Chloronaphthalene	13.199	162	2009929	39.591	ng/ul	99
45) 2-Nitroaniline	13.410	65	669036	49.520	ng/ul	99
47) Dimethylphthalate	13.793	163	2853760	43.732	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	631481	52.194	ng/ul	98
50) Acenaphthylene	14.051	152	3399220	40.505	ng/ul	99
51) 3-Nitroaniline	14.246	138	641121	49.925	ng/ul	96
52) Acenaphthene	14.393	153	2238579	40.028	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	334847	60.256	ng/ul	96
55) 4-Nitrophenol	14.551	109	108552	11.339	ng/ul	99
56) Dibenzofuran	14.728	168	3140967	40.404	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	922863	52.246	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	691284	48.303	ng/ul	95
59) Diethylphthalate	15.163	149	3027909	45.674	ng/ul	100
61) Fluorene	15.381	166	2460579	39.821	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	1203563	39.701	ng/ul	95
63) 4-Nitroaniline	15.416	138	708704m	56.766	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	536527	55.019	ng/ul	93
67) N-Nitrosodiphenylamine	15.592	169	2328168	41.578	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	845219	43.291	ng/ul	92
69) Hexachlorobenzene	16.375	284	1019636	44.351	ng/ul	99
70) Atrazine	16.557	200	839964	43.279	ng/ul	99
71) Pentachlorophenol	16.722	266	661963	48.835	ng/ul	95
72) Phenanthrene	17.122	178	4471120	42.325	ng/ul	99
74) Anthracene	17.210	178	4407261	41.270	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	983047	38.917	ng/ul	99
76) Pentachlorobenzene	14.640	250	1049910	40.921	ng/ul	98
77) Carbazole	17.487	167	4259004	45.477	ng/ul	99
78) Di-n-butylphthalate	18.051	149	5487638	48.033	ng/ul	99
80) Fluoranthene	19.139	202	5252022	44.470	ng/ul	98
82) Pyrene	19.510	202	5443187	43.640	ng/ul	98
83) Butylbenzylphthalate	20.416	149	2578061	54.124	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	1420845	41.845	ng/ul	98
85) Benzo(a)anthracene	21.298	228	5475564	44.399	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	3511954	49.996	ng/ul	99
87) Chrysene	21.363	228	5221093	44.853	ng/ul	95
89) Di-n-octyl phthalate	22.339	149	6808309	51.256	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	5582199	45.222	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	5606618	44.724	ng/ul	99
93) Benzo(a)pyrene	24.127	252	5263658	45.140	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.562	276	5774161	45.808	ng/ul	97
95) Dibenzo(a,h)anthracene	27.621	278	4854867	45.751	ng/ul	98
96) Benzo(g,h,i)perylene	28.592	276	4598143	46.466	ng/ul	96

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

