

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120524\
 Data File : BN035415.D
 Acq On : 04 Dec 2024 09:07
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020351

Quant Time: Dec 04 14:14:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	84049	20.000	ng/u1	0.00
20) Naphthalene-d8	10.046	136	366474	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	282943	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	651631	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	674951	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	813025	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	14328	8.055	ng/uL	0.00
4) Pyridine-d5	3.340	84	100813	21.502	ng/u1	0.00
7) Phenol-d5	6.499	99	126105	21.061	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	71665	21.462	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	104691	20.633	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	108862	20.863	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	49298	20.705	ng/u1	0.00
24) 2-Nitrophenol-d4	9.146	143	59249	21.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	128298	21.300	ng/u1	0.00
31) 4-Chloroaniline-d4	10.193	131	164001	22.051	ng/u1	0.00
46) Dimethylphthalate-d6	13.387	166	431759	21.252	ng/u1	0.00
49) Acenaphthylene-d8	13.646	160	469709	20.994	ng/u1	0.00
54) 4-Nitrophenol-d4	14.193	143	71676	21.425	ng/u1	0.00
60) Fluorene-d10	14.969	176	370109	21.095	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	73754	21.461	ng/u1	0.00
73) Anthracene-d10	16.822	188	619060	21.539	ng/u1	0.00
81) Pyrene-d10	19.145	212	717855	20.137	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.469	264	841749	21.381	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	15808	7.926	ng/uL	97
5) Pyridine	3.358	79	102420	21.784	ng/u1	95
6) Benzaldehyde	6.458	77	81628	25.275	ng/u1	95
8) Phenol	6.528	94	133228	21.484	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.746	93	102867	21.189	ng/u1	99
12) 2-Chlorophenol	6.869	128	108578	20.563	ng/u1	99
13) 2-Methylphenol	7.752	108	102938	21.379	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	7.822	45	78916	20.566	ng/u1	97
16) Acetophenone	8.111	105	183972	22.325	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.105	70	83095	21.210	ng/u1	99
18) 4-Methylphenol	8.075	108	117280	21.921	ng/u1	96
19) Hexachloroethane	8.352	117	45852	20.325	ng/u1	91
22) Nitrobenzene	8.475	77	128655	21.512	ng/u1	99
23) Isophorone	9.005	82	249298	20.802	ng/u1	98
25) 2-Nitrophenol	9.181	139	66943	21.440	ng/u1	96
26) 2,4-Dimethylphenol	9.258	107	133454	21.324	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.493	93	149899	20.533	ng/u1	98
29) 2,4-Dichlorophenol	9.705	162	131226	21.531	ng/u1	98
30) Naphthalene	10.093	128	384150	20.626	ng/u1	99
32) 4-Chloroaniline	10.216	127	158929	22.307	ng/u1	99
33) Hexachlorobutadiene	10.393	225	90352	21.006	ng/u1	98
34) Caprolactam	10.987	113	36090m	20.494	ng/u1	
35) 4-Chloro-3-methylphenol	11.357	107	133771	21.071	ng/u1	94
36) 2-Methylnaphthalene	11.722	142	293115	21.135	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.952	142	300282	21.120	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.110	216	177249	21.257	ng/ul	98
40) Hexachlorocyclopentadiene	12.087	237	88702	21.175	ng/ul	99
41) 2,4,6-Trichlorophenol	12.363	196	116293	21.507	ng/ul	93
42) 2,4,5-Trichlorophenol	12.434	196	127368	21.141	ng/ul	95
43) 1,1'-Biphenyl	12.775	154	407869	20.887	ng/ul	95
44) 2-Chloronaphthalene	12.810	162	325437	20.836	ng/ul	99
45) 2-Nitroaniline	13.028	65	67156	21.876	ng/ul	97
47) Dimethylphthalate	13.434	163	429815	21.147	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	75442	22.270	ng/ul	95
50) Acenaphthylene	13.675	152	490994	20.646	ng/ul	100
51) 3-Nitroaniline	13.875	138	78209	22.292	ng/ul	98
52) Acenaphthene	14.022	153	354641	20.719	ng/ul	96
53) 2,4-Dinitrophenol	14.087	184	45118	19.068	ng/ul	98
55) 4-Nitrophenol	14.210	109	70411	22.284	ng/ul	92
56) Dibenzofuran	14.363	168	511383	21.012	ng/ul	99
57) 2,4-Dinitrotoluene	14.346	165	123288	22.935	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.604	232	111376	21.221	ng/ul	99
59) Diethylphthalate	14.828	149	424690	21.380	ng/ul	99
61) Fluorene	15.022	166	411022	20.965	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.034	204	214447	21.407	ng/ul	99
63) 4-Nitroaniline	15.057	138	81933	24.080	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.116	198	82436	22.139	ng/ul	97
67) N-Nitrosodiphenylamine	15.251	169	367852	21.249	ng/ul	99
68) 4-Bromophenyl-phenylether	15.934	248	140070	21.255	ng/ul	95
69) Hexachlorobenzene	16.034	284	168691	21.564	ng/ul	99
70) Atrazine	16.228	200	140723	22.760	ng/ul	97
71) Pentachlorophenol	16.381	266	109857	22.120	ng/ul	100
72) Phenanthrene	16.769	178	702914	20.951	ng/ul	99
74) Anthracene	16.857	178	710574	20.977	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	177254	20.516	ng/uL	98
76) Pentachlorobenzene	14.287	250	185619	20.870	ng/uL	98
77) Carbazole	17.140	167	651374	23.108	ng/ul	98
78) Di-n-butylphthalate	17.740	149	708438	21.591	ng/ul	100
80) Fluoranthene	18.810	202	854384	20.421	ng/ul	98
82) Pyrene	19.175	202	921037	20.527	ng/ul	99
83) Butylbenzylphthalate	20.133	149	267182	21.128	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.910	252	258315	21.466	ng/ul	99
85) Benzo(a)anthracene	20.963	228	943585	20.824	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	421475	21.137	ng/ul	97
87) Chrysene	21.022	228	905997	20.752	ng/ul	98
89) Di-n-octyl phthalate	21.969	149	719862	19.478	ng/ul	100
90) Benzo(b)fluoranthene	22.822	252	960636	20.499	ng/ul	99
91) Benzo(k)fluoranthene	22.875	252	987050	20.569	ng/ul	98
93) Benzo(a)pyrene	23.527	252	930992	21.167	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	1114174	21.236	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	902246	21.225	ng/ul	99
96) Benzo(g,h,i)perylene	27.510	276	842652	21.161	ng/ul	99

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

