

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041525\
 Data File : BN036914.D
 Acq On : 15 Apr 2025 12:56
 Operator : RC/JU
 Sample : SSTD04020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040213

Quant Time: Apr 15 15:00:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 14:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	99774	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	450680	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	295351	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	585164	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	482689	20.000	ng/u1	0.00
88) Perylene-d12	24.162	264	394153	20.000	ng/u1	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	39431	15.551	ng/uL	0.00
4) Pyridine-d5	3.522	84	312805	40.862	ng/u1	0.00
7) Phenol-d5	6.804	99	363036	39.128	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	268500	40.602	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	275187	41.978	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	298976	39.048	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	145636	41.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	158964	43.223	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	278486	41.836	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	404175	39.350	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	869854	39.815	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1008262	41.479	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	168621	38.967	ng/u1	0.01
60) Fluorene-d10	15.281	176	726185	39.571	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	154016	39.074	ng/u1	0.00
73) Anthracene-d10	17.127	188	1139417	40.099	ng/u1	0.00
81) Pyrene-d10	19.427	212	1244792	47.091	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	835564	43.210	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.146	88	43587	15.584	ng/uL	92
5) Pyridine	3.540	79	320982	40.276	ng/u1	97
6) Benzaldehyde	6.775	77	205631	39.047	ng/u1	97
8) Phenol	6.834	94	382248	38.660	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	307296	39.590	ng/u1	98
12) 2-Chlorophenol	7.199	128	280355	40.587	ng/u1	99
13) 2-Methylphenol	8.075	108	281533	39.359	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.151	45	609667	40.805	ng/u1	99
16) Acetophenone	8.451	105	490095	38.113	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.451	70	289833	39.781	ng/u1	99
18) 4-Methylphenol	8.410	108	312656	38.335	ng/u1	98
19) Hexachloroethane	8.704	117	136131	42.726	ng/u1	95
22) Nitrobenzene	8.828	77	435472	40.903	ng/u1	99
23) Isophorone	9.357	82	772707	39.517	ng/u1	100
25) 2-Nitrophenol	9.534	139	171093	41.655	ng/u1	98
26) 2,4-Dimethylphenol	9.604	107	362603	41.645	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	435510	39.527	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	278576	40.317	ng/u1	98
30) Naphthalene	10.463	128	966658	39.774	ng/u1	100
32) 4-Chloroaniline	10.581	127	382940	38.526	ng/u1	95
33) Hexachlorobutadiene	10.757	225	185708	40.712	ng/u1	98
34) Caprolactam	11.363	113	94878m	34.691	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	352176	40.802	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	675421	39.818	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	663298	38.653	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	348618	42.539	ng/ul	97
40) Hexachlorocyclopentadiene	12.439	237	210817	43.843	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	233751	43.365	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	248421	42.308	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	880803	41.040	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	674237	40.582	ng/ul	99
45) 2-Nitroaniline	13.363	65	299312	44.425	ng/ul	96
47) Dimethylphthalate	13.751	163	858567	39.102	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	184596	43.096	ng/ul	94
50) Acenaphthylene	14.004	152	1043551	39.811	ng/ul	98
51) 3-Nitroaniline	14.192	138	179752	38.935	ng/ul	99
52) Acenaphthene	14.351	153	754850	39.545	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	114677	39.167	ng/ul	96
55) 4-Nitrophenol	14.510	109	188669	43.262	ng/ul	94
56) Dibenzofuran	14.686	168	1020554	38.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	278337	42.674	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.916	232	211826	43.372	ng/ul	92
59) Diethylphthalate	15.122	149	944370	41.093	ng/ul	99
61) Fluorene	15.333	166	851082	39.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.333	204	406008	39.537	ng/ul	99
63) 4-Nitroaniline	15.363	138	172294	38.342	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.422	198	166076	39.518	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	732860	41.567	ng/ul	89
68) 4-Bromophenyl-phenylether	16.227	248	232583	40.986	ng/ul	99
69) Hexachlorobenzene	16.339	284	253137	40.514	ng/ul	99
70) Atrazine	16.510	200	267997	41.151	ng/ul	99
71) Pentachlorophenol	16.686	266	174617	40.448	ng/ul	97
72) Phenanthrene	17.075	178	1302430	38.968	ng/ul	99
74) Anthracene	17.163	178	1344673	39.706	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.075	216	349020	43.718	ng/uL	97
76) Pentachlorobenzene	14.604	250	315030	39.595	ng/uL	92
77) Carbazole	17.433	167	1217842	39.865	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1594863	41.608	ng/ul	99
80) Fluoranthene	19.092	202	1471800	47.884	ng/ul	100
82) Pyrene	19.457	202	1551616	46.250	ng/ul	98
83) Butylbenzylphthalate	20.368	149	640297	46.276	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.174	252	354286	40.928	ng/ul	99
85) Benzo(a)anthracene	21.245	228	1322538	40.242	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	873029	43.542	ng/ul#	100
87) Chrysene	21.304	228	1219317	38.766	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	1264890	47.840	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1037210	43.152	ng/ul	99
91) Benzo(k)fluoranthene	23.309	252	1075437	44.291	ng/ul	100
93) Benzo(a)pyrene	24.021	252	945648	41.709	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.409	276	1017803	38.056	ng/ul	95
95) Dibenzo(a,h)anthracene	27.468	278	833793	38.926	ng/ul	98
96) Benzo(g,h,i)perylene	28.421	276	767540	37.222	ng/ul	97

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

