

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
 Data File : BN036698.D
 Acq On : 21 Mar 2025 09:37
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020364

Quant Time: Mar 21 13:05:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 20 13:16:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	68258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	330316	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	245961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	533166	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	574892	20.000	ng/u1	0.00
88) Perylene-d12	24.280	264	631303	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13338	7.597	ng/uL	0.00
4) Pyridine-d5	3.599	84	109731	20.447	ng/u1	0.00
7) Phenol-d5	6.875	99	129192	19.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	94620	20.400	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	97532	21.276	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	109844	20.406	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	53186	20.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	56406	20.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	106860	21.357	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	158466	20.509	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	386415	20.890	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	435898	21.096	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	74756	20.403	ng/u1	0.00
60) Fluorene-d10	15.340	176	334316	21.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	70398	19.295	ng/u1	0.00
73) Anthracene-d10	17.192	188	554165	21.122	ng/u1	0.00
81) Pyrene-d10	19.486	212	644652	20.526	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	668583	21.255	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	15590	7.918	ng/uL	95
5) Pyridine	3.617	79	112716	20.131	ng/u1	93
6) Benzaldehyde	6.846	77	97998	25.501	ng/u1	96
8) Phenol	6.899	94	138432	19.806	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.128	93	110695	20.280	ng/u1	99
12) 2-Chlorophenol	7.269	128	102935	21.286	ng/u1	100
13) 2-Methylphenol	8.146	108	99854	19.835	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	218541	20.862	ng/u1	98
16) Acetophenone	8.522	105	191616	20.942	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.510	70	110580	21.518	ng/u1	91
18) 4-Methylphenol	8.475	108	118037	20.528	ng/u1	98
19) Hexachloroethane	8.775	117	50125	22.548	ng/u1	95
22) Nitrobenzene	8.899	77	167932	21.265	ng/u1	95
23) Isophorone	9.422	82	294051	19.994	ng/u1	98
25) 2-Nitrophenol	9.605	139	64433	20.974	ng/u1	90
26) 2,4-Dimethylphenol	9.669	107	136888	21.084	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.905	93	167114	20.153	ng/u1	99
29) 2,4-Dichlorophenol	10.140	162	109579	21.352	ng/u1	98
30) Naphthalene	10.540	128	377756	20.681	ng/u1	98
32) 4-Chloroaniline	10.652	127	155257	20.762	ng/u1	96
33) Hexachlorobutadiene	10.828	225	72318	21.392	ng/u1	99
34) Caprolactam	11.422	113	40935m	19.256	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	140359	21.565	ng/u1	97
36) 2-Methylnaphthalene	12.157	142	269005	21.156	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	274265	21.390	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	142426	20.650	ng/ul	97
40) Hexachlorocyclopentadiene	12.510	237	85452	20.994	ng/ul	96
41) 2,4,6-Trichlorophenol	12.769	196	93559	20.622	ng/ul	96
42) 2,4,5-Trichlorophenol	12.846	196	101638	20.446	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	370252	20.382	ng/ul	97
44) 2-Chloronaphthalene	13.216	162	288823	20.506	ng/ul	98
45) 2-Nitroaniline	13.422	65	123580	21.856	ng/ul	96
47) Dimethylphthalate	13.804	163	386532	20.723	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	75725	20.794	ng/ul	97
50) Acenaphthylene	14.063	152	458492	20.502	ng/ul	99
51) 3-Nitroaniline	14.251	138	80566	20.486	ng/ul	98
52) Acenaphthene	14.410	153	338963	21.023	ng/ul	94
53) 2,4-Dinitrophenol	14.457	184	48154	19.230	ng/ul#	86
55) 4-Nitrophenol	14.563	109	83609	23.180	ng/ul	92
56) Dibenzofuran	14.745	168	473191	21.298	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	123619	22.168	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.975	232	90375	21.748	ng/ul	99
59) Diethylphthalate	15.175	149	416001	21.470	ng/ul	96
61) Fluorene	15.398	166	387583	21.106	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.392	204	188122	21.480	ng/ul	94
63) 4-Nitroaniline	15.416	138	88774	22.940	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.481	198	78499	20.016	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	332226	20.400	ng/ul	96
68) 4-Bromophenyl-phenylether	16.287	248	106542	20.609	ng/ul	96
69) Hexachlorobenzene	16.404	284	115324	20.024	ng/ul	98
70) Atrazine	16.563	200	132736	21.911	ng/ul	94
71) Pentachlorophenol	16.745	266	79783	20.047	ng/ul	97
72) Phenanthrene	17.134	178	648989	21.017	ng/ul	99
74) Anthracene	17.228	178	649337	20.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	144606	19.819	ng/uL	95
76) Pentachlorobenzene	14.669	250	145252	19.771	ng/uL#	90
77) Carbazole	17.498	167	599239	21.208	ng/ul	100
78) Di-n-butylphthalate	18.069	149	763086	21.715	ng/ul	99
80) Fluoranthene	19.157	202	747354	20.335	ng/ul	99
82) Pyrene	19.516	202	830453	20.758	ng/ul	99
83) Butylbenzylphthalate	20.427	149	351372	21.294	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	229025	21.640	ng/ul	99
85) Benzo(a)anthracene	21.310	228	811069	20.479	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	549407	22.922	ng/ul	98
87) Chrysene	21.374	228	777025	20.382	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	909234	21.414	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	789596m	20.405	ng/ul	
91) Benzo(k)fluoranthene	23.410	252	807236	20.671	ng/ul	99
93) Benzo(a)pyrene	24.145	252	777046	21.037	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.604	276	941761	20.882	ng/ul	97
95) Dibenzo(a,h)anthracene	27.662	278	760813	21.161	ng/ul	96
96) Benzo(g,h,i)perylene	28.639	276	724897	20.641	ng/ul	99

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

