

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031125\
 Data File : BP024155.D
 Acq On : 11 Mar 2025 14:18
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

Quant Time: Mar 11 14:44:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 14:51:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	293967	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.528	136	1241386	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	796171	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1627840	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1856170	20.000	ng/u1	0.00
88) Perylene-d12	25.057	264	2005099	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	68553	9.289	ng/uL	0.00
4) Pyridine-d5	3.675	84	469966	22.138	ng/u1	0.00
7) Phenol-d5	6.928	99	552367	21.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	320820	22.336	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.293	132	447594	22.355	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	439247	21.329	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	217624	21.711	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	223999	21.405	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.151	165	415821	22.098	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	642109	22.327	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	1270060	22.014	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	1477043	22.073	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	251400	21.284	ng/u1	0.00
60) Fluorene-d10	15.398	176	1092677	22.292	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	196186	19.089	ng/u1	0.01
73) Anthracene-d10	17.304	188	1742680	21.937	ng/u1	0.00
81) Pyrene-d10	19.674	212	2045738	21.998	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	2303532	22.160	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	69654	8.950	ng/uL	98
5) Pyridine	3.699	79	483811	22.507	ng/u1	98
6) Benzaldehyde	6.899	77	346713	25.781	ng/u1	99
8) Phenol	6.957	94	585787	21.613	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.175	93	454552	22.043	ng/u1	99
12) 2-Chlorophenol	7.322	128	467802	22.402	ng/u1	100
13) 2-Methylphenol	8.187	108	422093	21.309	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	492756	22.786	ng/u1	100
16) Acetophenone	8.563	105	700362	21.972	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.546	70	340361	22.767	ng/u1	99
18) 4-Methylphenol	8.516	108	472038	21.505	ng/u1	100
19) Hexachloroethane	8.822	117	180654	21.698	ng/u1	99
22) Nitrobenzene	8.934	77	500794	22.218	ng/u1	97
23) Isophorone	9.463	82	935759	22.163	ng/u1	99
25) 2-Nitrophenol	9.646	139	250514	21.616	ng/u1	98
26) 2,4-Dimethylphenol	9.704	107	467691	22.516	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.940	93	598260	22.274	ng/u1	99
29) 2,4-Dichlorophenol	10.181	162	424152	22.070	ng/u1	99
30) Naphthalene	10.575	128	1475962	21.958	ng/u1	100
32) 4-Chloroaniline	10.687	127	613073	22.346	ng/u1	99
33) Hexachlorobutadiene	10.863	225	256320	21.782	ng/u1	98
34) Caprolactam	11.463	113	151510	20.760	ng/u1	98
35) 4-Chloro-3-methylphenol	11.816	107	452566	22.633	ng/u1	100
36) 2-Methylnaphthalene	12.187	142	1005265	22.167	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1001317	22.338	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	511086	21.241	ng/ul	99
40) Hexachlorocyclopentadiene	12.545	237	249921	19.987	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	325664	21.516	ng/ul	99
42) 2,4,5-Trichlorophenol	12.881	196	356529	21.639	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	1294124	21.375	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1011136	21.530	ng/ul	99
45) 2-Nitroaniline	13.451	65	269128	22.028	ng/ul	96
47) Dimethylphthalate	13.839	163	1268458	21.978	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	245034	21.649	ng/ul	97
50) Acenaphthylene	14.104	152	1587124	21.890	ng/ul	99
51) 3-Nitroaniline	14.292	138	283784	21.566	ng/ul	99
52) Acenaphthene	14.451	153	1121510	21.974	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	124087	17.586	ng/ul	95
55) 4-Nitrophenol	14.616	109	177397	21.666	ng/ul	99
56) Dibenzofuran	14.792	168	1550923	22.038	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	372140	22.088	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.028	232	300902	22.207	ng/ul	99
59) Diethylphthalate	15.234	149	1265486	22.148	ng/ul	100
61) Fluorene	15.451	166	1265542	21.996	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	611670	22.007	ng/ul	98
63) 4-Nitroaniline	15.481	138	301584	23.291	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.545	198	222985	19.881	ng/ul	100
67) N-Nitrosodiphenylamine	15.669	169	1081835	21.798	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	382496	21.324	ng/ul	95
69) Hexachlorobenzene	16.492	284	464760	21.331	ng/ul	97
70) Atrazine	16.657	200	403863	22.476	ng/ul	98
71) Pentachlorophenol	16.845	266	272303	19.912	ng/ul	99
72) Phenanthrene	17.245	178	2039751	21.918	ng/ul	100
74) Anthracene	17.339	178	2045019	21.810	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	508783	20.756	ng/ul	100
76) Pentachlorobenzene	14.710	250	540027	21.068	ng/ul	100
77) Carbazole	17.616	167	1922670	22.584	ng/ul	99
78) Di-n-butylphthalate	18.216	149	2223599	22.424	ng/ul	100
80) Fluoranthene	19.333	202	2399540	22.132	ng/ul	99
82) Pyrene	19.710	202	2596153	22.221	ng/ul	98
83) Butylbenzylphthalate	20.663	149	1031121	21.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.563	252	816487	21.991	ng/ul	98
85) Benzo(a)anthracene	21.633	228	2686322	22.119	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	1580056	22.350	ng/ul	100
87) Chrysene	21.704	228	2518339	22.077	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	2567542	21.935	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	2678730	22.461	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	2699758	22.303	ng/ul	99
93) Benzo(a)pyrene	24.904	252	2497424	22.147	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.939	276	3156750m	21.170	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	2569691	21.225	ng/ul	100
96) Benzo(g,h,i)perylene	30.121	276	2452297m	21.193	ng/ul	

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

