

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021425\
 Data File : BP024067.D
 Acq On : 14 Feb 2025 18:46
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020662

Quant Time: Feb 18 16:21:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 13 12:56:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	409480	20.000	ng/u1	0.00
20) Naphthalene-d8	10.528	136	1730756	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	1067190	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	2100544	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2144231	20.000	ng/u1	-0.01
88) Perylene-d12	24.933	264	2102959	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	87801	8.909	ng/uL	0.00
4) Pyridine-d5	3.699	84	632579	22.244	ng/u1	0.00
7) Phenol-d5	6.946	99	749548	20.684	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	424257	22.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	600776	21.112	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	598315	20.212	ng/u1	0.00
21) Nitrobenzene-d5	8.905	128	292872	21.150	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	288903	19.336	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	581621	21.219	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	858687	20.948	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1624334	20.406	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1944078	21.654	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	267724	16.935	ng/u1	-0.01
60) Fluorene-d10	15.375	176	1441142	21.498	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	206196	15.912	ng/u1	0.00
73) Anthracene-d10	17.263	188	2247848	21.795	ng/u1	0.00
81) Pyrene-d10	19.622	212	2496911	21.733	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.698	264	2334851	21.280	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	91637	8.842	ng/uL	99
5) Pyridine	3.717	79	643764	22.611	ng/u1	98
6) Benzaldehyde	6.911	77	473394	26.617	ng/u1	98
8) Phenol	6.969	94	803669	21.598	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.187	93	605107	21.363	ng/u1	99
12) 2-Chlorophenol	7.334	128	635426	21.674	ng/u1	98
13) 2-Methylphenol	8.199	108	568420	20.302	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	635723	21.754	ng/u1	99
16) Acetophenone	8.569	105	965711	21.340	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.557	70	437492	20.530	ng/u1	97
18) 4-Methylphenol	8.522	108	646692	20.818	ng/u1	97
19) Hexachloroethane	8.828	117	248519	21.438	ng/u1	95
22) Nitrobenzene	8.946	77	683559	22.747	ng/u1	96
23) Isophorone	9.469	82	1200558	19.787	ng/u1	98
25) 2-Nitrophenol	9.652	139	335627	20.594	ng/u1	98
26) 2,4-Dimethylphenol	9.716	107	639124	21.188	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.940	93	789175	20.881	ng/u1	99
29) 2,4-Dichlorophenol	10.187	162	594522	21.389	ng/u1	98
30) Naphthalene	10.581	128	2019696	21.801	ng/u1	100
32) 4-Chloroaniline	10.687	127	831691	21.499	ng/u1	100
33) Hexachlorobutadiene	10.869	225	353177	20.988	ng/u1	100
34) Caprolactam	11.463	113	176775	16.416	ng/u1	94
35) 4-Chloro-3-methylphenol	11.822	107	600485	20.097	ng/u1	100
36) 2-Methylnaphthalene	12.187	142	1404120	21.556	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1393278	21.561	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	717639	22.747	ng/ul	100
40) Hexachlorocyclopentadiene	12.540	237	368514	20.729	ng/ul	98
41) 2,4,6-Trichlorophenol	12.798	196	448105	21.263	ng/ul	99
42) 2,4,5-Trichlorophenol	12.875	196	502008	22.101	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1792930	22.633	ng/ul	100
44) 2-Chloronaphthalene	13.240	162	1384974	22.438	ng/ul	99
45) 2-Nitroaniline	13.445	65	348322	21.683	ng/ul	94
47) Dimethylphthalate	13.828	163	1619057	20.442	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	310286	20.047	ng/ul	97
50) Acenaphthylene	14.092	152	2119613	22.169	ng/ul	99
51) 3-Nitroaniline	14.275	138	349632	20.554	ng/ul	94
52) Acenaphthene	14.440	153	1500401	22.134	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	153413	16.625	ng/ul	97
55) 4-Nitrophenol	14.598	109	209764	18.756	ng/ul	97
56) Dibenzofuran	14.775	168	2064685	21.981	ng/ul	99
57) 2,4-Dinitrotoluene	14.734	165	472782	20.536	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.004	232	384938	19.915	ng/ul#	91
59) Diethylphthalate	15.210	149	1607221	20.254	ng/ul	100
61) Fluorene	15.434	166	1725320	22.141	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.428	204	830876	21.540	ng/ul	99
63) 4-Nitroaniline	15.451	138	375495	22.689	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.510	198	231959	16.281	ng/ul	96
67) N-Nitrosodiphenylamine	15.645	169	1402705	21.880	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	489912	20.673	ng/ul	99
69) Hexachlorobenzene	16.457	284	583107	20.307	ng/ul	98
70) Atrazine	16.616	200	475420	19.151	ng/ul	98
71) Pentachlorophenol	16.810	266	321765	18.218	ng/ul	100
72) Phenanthrene	17.204	178	2599444	21.913	ng/ul	100
74) Anthracene	17.298	178	2665303	22.280	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	697249	22.668	ng/uL	98
76) Pentachlorobenzene	14.698	250	723099	21.814	ng/uL	99
77) Carbazole	17.581	167	2405341	22.951	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2630909	20.282	ng/ul	99
80) Fluoranthene	19.280	202	2914756	22.025	ng/ul	99
82) Pyrene	19.657	202	3165904	22.876	ng/ul	99
83) Butylbenzylphthalate	20.604	149	1115693	18.721	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	758742	16.355	ng/ul	99
85) Benzo(a)anthracene	21.569	228	2972999	21.085	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.510	149	1654426	19.026	ng/ul	97
87) Chrysene	21.639	228	2814498	21.663	ng/ul	99
89) Di-n-octyl phthalate	22.786	149	2411708	19.131	ng/ul	100
90) Benzo(b)fluoranthene	23.874	252	2768421	21.696	ng/ul	99
91) Benzo(k)fluoranthene	23.939	252	2890260	22.594	ng/ul	99
93) Benzo(a)pyrene	24.780	252	2564894	21.524	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.721	276	2782644	18.015	ng/ul	99
95) Dibenzo(a,h)anthracene	28.809	278	2157918	17.222	ng/ul	100
96) Benzo(g,h,i)perylene	29.903	276	2236146	18.901	ng/ul	100

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

