

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023995.D
 Acq On : 07 Feb 2025 08:54
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020651

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :Sohil Jodhani 02/10/2025

Quant Time: Feb 07 09:23:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	557908	20.000	ng/u1	0.00
20) Naphthalene-d8	10.540	136	2330454	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	1445665	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	2872749	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	3079039	20.000	ng/u1	-0.01
88) Perylene-d12	24.998	264	3118505	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	116973	8.711	ng/uL	0.00
4) Pyridine-d5	3.699	84	846575	21.849	ng/u1	0.00
7) Phenol-d5	6.952	99	1037443	21.012	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	568225	21.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	846326	21.829	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	829146	20.558	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	410686	22.026	ng/u1	0.00
24) 2-Nitrophenol-d4	9.628	143	432384	21.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	805174	21.816	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	1187022	21.506	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	2267396	21.027	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	2675054	21.995	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	435038	20.315	ng/u1	0.00
60) Fluorene-d10	15.387	176	1978064	21.783	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	337265	19.030	ng/u1	0.00
73) Anthracene-d10	17.281	188	3128120	22.177	ng/u1	0.00
81) Pyrene-d10	19.651	212	3589929	21.760	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.768	264	3541890	21.768	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	120434	8.529	ng/uL	99
5) Pyridine	3.717	79	853648	22.006	ng/u1	98
6) Benzaldehyde	6.916	77	644109	26.580	ng/u1	100
8) Phenol	6.981	94	1085872	21.419	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.199	93	829815	21.502	ng/u1	100
12) 2-Chlorophenol	7.346	128	879986	22.031	ng/u1	99
13) 2-Methylphenol	8.210	108	793311	20.797	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	859654	21.591	ng/u1	100
16) Acetophenone	8.581	105	1327614	21.532	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.563	70	606464	20.888	ng/u1	97
18) 4-Methylphenol	8.540	108	888617	20.996	ng/u1	98
19) Hexachloroethane	8.840	117	348172	22.044	ng/u1	99
22) Nitrobenzene	8.957	77	912973	22.563	ng/u1	99
23) Isophorone	9.481	82	1671827	20.463	ng/u1	99
25) 2-Nitrophenol	9.657	139	482339	21.980	ng/u1	99
26) 2,4-Dimethylphenol	9.728	107	900564	22.173	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.952	93	1069881	21.023	ng/u1	99
29) 2,4-Dichlorophenol	10.199	162	821279	21.943	ng/u1	99
30) Naphthalene	10.587	128	2749168	22.039	ng/u1	100
32) 4-Chloroaniline	10.699	127	1126506	21.626	ng/u1	100
33) Hexachlorobutadiene	10.875	225	495186	21.854	ng/u1	99
34) Caprolactam	11.475	113	271704	18.738	ng/u1	99
35) 4-Chloro-3-methylphenol	11.828	107	839868	20.875	ng/u1	96
36) 2-Methylnaphthalene	12.193	142	1854657	21.145	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1851521	21.279	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	965493	22.591	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	446344	18.534	ng/ul	100
41) 2,4,6-Trichlorophenol	12.810	196	609804	21.361	ng/ul	98
42) 2,4,5-Trichlorophenol	12.893	196	664420	21.593	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	2403193	22.395	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	1909675	22.839	ng/ul	100
45) 2-Nitroaniline	13.451	65	486920	22.375	ng/ul	94
47) Dimethylphthalate	13.840	163	2256013	21.027	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	451906	21.553	ng/ul	99
50) Acenaphthylene	14.098	152	2921351	22.556	ng/ul	99
51) 3-Nitroaniline	14.287	138	512244	22.230	ng/ul	99
52) Acenaphthene	14.445	153	2041155	22.228	ng/ul	100
53) 2,4-Dinitrophenol	14.492	184	246577	19.726	ng/ul	97
55) 4-Nitrophenol	14.616	109	330356	21.805	ng/ul	97
56) Dibenzofuran	14.787	168	2777067	21.825	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	681651	21.857	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.022	232	550381	21.020	ng/ul	92
59) Diethylphthalate	15.216	149	2240641	20.844	ng/ul	99
61) Fluorene	15.445	166	2337713	22.146	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	1150993	22.027	ng/ul	98
63) 4-Nitroaniline	15.463	138	560267	24.990	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.522	198	369777	18.978	ng/ul	99
67) N-Nitrosodiphenylamine	15.657	169	1932450	22.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	693439	21.395	ng/ul	98
69) Hexachlorobenzene	16.469	284	828318	21.093	ng/ul	99
70) Atrazine	16.634	200	728263	21.450	ng/ul	99
71) Pentachlorophenol	16.822	266	487809	20.195	ng/ul	99
72) Phenanthrene	17.216	178	3585154	22.099	ng/ul	99
74) Anthracene	17.316	178	3689156	22.549	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	941989	22.393	ng/uL	99
76) Pentachlorobenzene	14.704	250	997466	22.003	ng/uL	99
77) Carbazole	17.592	167	3401858	23.734	ng/ul	99
78) Di-n-butylphthalate	18.186	149	3845220	21.675	ng/ul	100
80) Fluoranthene	19.304	202	4190421	22.051	ng/ul	100
82) Pyrene	19.680	202	4515204	22.721	ng/ul	97
83) Butylbenzylphthalate	20.633	149	1740171	20.334	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	1345990	20.205	ng/ul	100
85) Benzo(a)anthracene	21.610	228	4415793	21.810	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	2576030	20.631	ng/ul	100
87) Chrysene	21.680	228	4088912	21.917	ng/ul	99
89) Di-n-octyl phthalate	22.839	149	4042118	21.623	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	4176394	22.071	ng/ul	100
91) Benzo(k)fluoranthene	23.998	252	4277113	22.547	ng/ul	99
93) Benzo(a)pyrene	24.839	252	3919136	22.178	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.821	276	4797859	20.947	ng/ul	99
95) Dibenzo(a,h)anthracene	28.898	278	3922715m	21.112	ng/ul	
96) Benzo(g,h,i)perylene	30.021	276	3625143	20.663	ng/ul	98

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

