

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
 Data File : BP023792.D
 Acq On : 30 Jan 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020782

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 10:10:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 29 17:13:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	456431	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1925070	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	1270204	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.204	188	2513264	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	2645775	20.000	ng/u1	-0.02
88) Perylene-d12	25.039	264	2823755	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	96448	8.780	ng/uL	0.00
4) Pyridine-d5	3.711	84	681123	21.487	ng/u1	0.00
7) Phenol-d5	6.969	99	834877	20.669	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	457921	21.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	684506	21.580	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	685428	20.773	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	338276	21.963	ng/u1	0.00
24) 2-Nitrophenol-d4	9.646	143	355843	21.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	670278	21.985	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	990488	21.724	ng/u1	0.00
46) Dimethylphthalate-d6	13.810	166	2082228	21.977	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	2349212	21.984	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	397246	21.112	ng/u1	-0.02
60) Fluorene-d10	15.410	176	1729961	21.682	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	307179	19.812	ng/u1	-0.01
73) Anthracene-d10	17.304	188	2752274	22.303	ng/u1	-0.01
81) Pyrene-d10	19.675	212	3140248	22.151	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.798	264	3261125	22.135	ng/u1	-0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	99781	8.637	ng/uL	99
5) Pyridine	3.728	79	690045	21.743	ng/u1	100
6) Benzaldehyde	6.934	77	518961	26.177	ng/u1	97
8) Phenol	6.999	94	875707	21.114	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	673534	21.333	ng/u1	99
12) 2-Chlorophenol	7.358	128	703660	21.533	ng/u1	99
13) 2-Methylphenol	8.228	108	644291	20.645	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	706663	21.694	ng/u1	99
16) Acetophenone	8.593	105	1080563	21.422	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	509218	21.438	ng/u1	96
18) 4-Methylphenol	8.552	108	732084	21.143	ng/u1	99
19) Hexachloroethane	8.857	117	277524	21.478	ng/u1	100
22) Nitrobenzene	8.969	77	731315	21.880	ng/u1	100
23) Isophorone	9.499	82	1466501	21.730	ng/u1	100
25) 2-Nitrophenol	9.675	139	398322	21.974	ng/u1	98
26) 2,4-Dimethylphenol	9.746	107	745665	22.225	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.969	93	916272	21.796	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	673220	21.775	ng/u1	97
30) Naphthalene	10.610	128	2267193	22.002	ng/u1	100
32) 4-Chloroaniline	10.716	127	948527	22.044	ng/u1	99
33) Hexachlorobutadiene	10.899	225	404142	21.592	ng/u1	98
34) Caprolactam	11.493	113	248691	20.763	ng/u1	97
35) 4-Chloro-3-methylphenol	11.857	107	720425	21.677	ng/u1	98
36) 2-Methylnaphthalene	12.222	142	1594068	22.002	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.440	142	1573289	21.889	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	823273	21.924	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	433751	20.499	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	541750	21.598	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	592449	21.913	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	2063548	21.886	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	1607226	21.877	ng/ul	100
45) 2-Nitroaniline	13.475	65	414295	21.667	ng/ul	99
47) Dimethylphthalate	13.857	163	2060635	21.859	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	402922	21.871	ng/ul	98
50) Acenaphthylene	14.122	152	2540969	22.329	ng/ul	99
51) 3-Nitroaniline	14.304	138	456351	22.540	ng/ul	99
52) Acenaphthene	14.469	153	1759679	21.810	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	197778	18.008	ng/ul	98
55) 4-Nitrophenol	14.640	109	293277	22.032	ng/ul	94
56) Dibenzofuran	14.810	168	2451988	21.932	ng/ul	100
57) 2,4-Dinitrotoluene	14.769	165	593722	21.667	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.045	232	495008	21.517	ng/ul	95
59) Diethylphthalate	15.239	149	2018075	21.367	ng/ul	99
61) Fluorene	15.469	166	2042650	22.024	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	1010892	22.018	ng/ul	100
63) 4-Nitroaniline	15.475	138	487929	24.770	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.539	198	341765	20.049	ng/ul	97
67) N-Nitrosodiphenylamine	15.681	169	1723990	22.476	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	621689	21.925	ng/ul	98
69) Hexachlorobenzene	16.492	284	742643	21.616	ng/ul	99
70) Atrazine	16.657	200	625783	21.068	ng/ul	100
71) Pentachlorophenol	16.845	266	415936	19.682	ng/ul	99
72) Phenanthrene	17.245	178	3150656	22.198	ng/ul	100
74) Anthracene	17.339	178	3176885	22.195	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.193	216	809961	22.008	ng/uL	99
76) Pentachlorobenzene	14.728	250	872128	21.990	ng/uL	99
77) Carbazole	17.622	167	2981871	23.780	ng/ul	99
78) Di-n-butylphthalate	18.216	149	3395506	21.878	ng/ul	99
80) Fluoranthene	19.328	202	3650771	22.357	ng/ul	98
82) Pyrene	19.704	202	3957388	23.175	ng/ul	100
83) Butylbenzylphthalate	20.657	149	1501302	20.416	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	1254250	21.911	ng/ul	99
85) Benzo(a)anthracene	21.633	228	3799406	21.838	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	2177958	20.299	ng/ul	99
87) Chrysene	21.704	228	3569200	22.264	ng/ul	99
89) Di-n-octyl phthalate	22.880	149	3587806	21.196	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	3770575	22.006	ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	3776879	21.988	ng/ul	99
93) Benzo(a)pyrene	24.880	252	3524763	22.029	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.862	276	4543794m	21.908	ng/ul	
95) Dibenzo(a,h)anthracene	28.945	278	3652164	21.707	ng/ul	100
96) Benzo(g,h,i)perylene	30.074	276	3508750	22.087	ng/ul	99

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

