

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
 Data File : BP023790.D
 Acq On : 29 Jan 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 17:49:20 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	391161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1643341	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1085476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	2171967	20.000	ng/u1	0.00
79) Chrysene-d12	21.669	240	2271549	20.000	ng/u1	-0.01
88) Perylene-d12	25.063	264	2459094	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	74863	7.952	ng/uL	0.00
4) Pyridine-d5	3.711	84	562453	20.704	ng/u1	0.00
7) Phenol-d5	6.969	99	685709	19.809	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.117	67	405346	22.122	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	574134	21.121	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	549208	19.422	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	272797	20.749	ng/u1	0.00
24) 2-Nitrophenol-d4	9.646	143	287987	20.300	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	538467	20.690	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	789091	20.274	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1658102	20.479	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1910785	20.925	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	320045	19.904	ng/u1	-0.01
60) Fluorene-d10	15.416	176	1403882	20.590	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	241660	18.035	ng/u1	0.00
73) Anthracene-d10	17.304	188	2175199	20.397	ng/u1	-0.01
81) Pyrene-d10	19.681	212	2512482	20.643	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.833	264	2676996	20.864	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	81535	8.235	ng/uL	99
5) Pyridine	3.728	79	493376	18.140	ng/u1	100
6) Benzaldehyde	6.934	77	332240	19.555	ng/u1	98
8) Phenol	6.999	94	664753	18.702	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.211	93	509258	18.821	ng/u1	100
12) 2-Chlorophenol	7.364	128	550736	19.665	ng/u1	98
13) 2-Methylphenol	8.234	108	488781	18.276	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	531301	19.033	ng/u1	99
16) Acetophenone	8.599	105	836016	19.339	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	387865	19.054	ng/u1	97
18) 4-Methylphenol	8.558	108	546108	18.404	ng/u1	100
19) Hexachloroethane	8.858	117	219558	19.827	ng/u1	98
22) Nitrobenzene	8.969	77	552125	19.350	ng/u1	100
23) Isophorone	9.499	82	1086670	18.862	ng/u1	99
25) 2-Nitrophenol	9.675	139	298815	19.311	ng/u1	98
26) 2,4-Dimethylphenol	9.746	107	486608	16.990	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.969	93	679106	18.924	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	507605	19.233	ng/u1	98
30) Naphthalene	10.610	128	1729342	19.660	ng/u1	100
32) 4-Chloroaniline	10.716	127	735614	20.027	ng/u1	99
33) Hexachlorobutadiene	10.905	225	310825	19.454	ng/u1	99
34) Caprolactam	11.493	113	186045	18.196	ng/u1	99
35) 4-Chloro-3-methylphenol	11.857	107	539396	19.012	ng/u1	99
36) 2-Methylnaphthalene	12.222	142	1222450	19.765	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.440	142	1149926	18.742	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.593	216	636968	19.850	ng/ul	98
40) Hexachlorocyclopentadiene	12.575	237	346462	19.160	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	401459	18.729	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	441285	19.100	ng/ul	99
43) 1,1'-Biphenyl	13.234	154	1598405	19.838	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	1210042	19.274	ng/ul	100
45) 2-Nitroaniline	13.475	65	316531	19.372	ng/ul	93
47) Dimethylphthalate	13.863	163	1534498	19.048	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	323651	20.558	ng/ul	98
50) Acenaphthylene	14.134	152	1942637	19.976	ng/ul	100
51) 3-Nitroaniline	14.304	138	366940	21.208	ng/ul	98
52) Acenaphthene	14.475	153	1333356	19.338	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	167571	17.854	ng/ul	95
55) 4-Nitrophenol	14.640	109	215599	18.953	ng/ul	100
56) Dibenzofuran	14.810	168	1866165	19.533	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	441784	18.866	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.046	232	397243	20.206	ng/ul	96
59) Diethylphthalate	15.240	149	1513161	18.748	ng/ul	99
61) Fluorene	15.469	166	1532101	19.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	748103	19.068	ng/ul	98
63) 4-Nitroaniline	15.481	138	389851	23.159	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.545	198	252933	17.169	ng/ul	98
67) N-Nitrosodiphenylamine	15.681	169	1281598	19.334	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	462207	18.862	ng/ul	99
69) Hexachlorobenzene	16.492	284	564313	19.006	ng/ul	99
70) Atrazine	16.657	200	463508	18.057	ng/ul	98
71) Pentachlorophenol	16.851	266	311666	17.066	ng/ul	97
72) Phenanthrene	17.245	178	2375812	19.370	ng/ul	100
74) Anthracene	17.340	178	2412394	19.503	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	599613	18.853	ng/ul	99
76) Pentachlorobenzene	14.734	250	620500	18.104	ng/ul	99
77) Carbazole	17.622	167	2255225	20.811	ng/ul	100
78) Di-n-butylphthalate	18.210	149	2544453	18.971	ng/ul	100
80) Fluoranthene	19.334	202	2747707	19.599	ng/ul	100
82) Pyrene	19.716	202	2918969	19.910	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1160015	18.373	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.563	252	1099218	22.366	ng/ul	99
85) Benzo(a)anthracene	21.645	228	2893607	19.372	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	1680177	18.239	ng/ul	100
87) Chrysene	21.716	228	2711198	19.698	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	2700448	18.319	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	2855103	19.134	ng/ul	100
91) Benzo(k)fluoranthene	24.063	252	2907594	19.438	ng/ul	98
93) Benzo(a)pyrene	24.910	252	2757052	19.786	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.939	276	3498709m	19.371	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	2877696	19.641	ng/ul	100
96) Benzo(g,h,i)perylene	30.115	276	2656604	19.202	ng/ul	99

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

