

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022625\
 Data File : BP024110.D
 Acq On : 26 Feb 2025 11:21
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020662

Quant Time: Feb 26 14:07:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 14:08:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	453164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	1863915	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	1092427	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1943468	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1743828	20.000	ng/u1	0.00
88) Perylene-d12	25.033	264	1759534	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	99006	9.077	ng/uL	0.00
4) Pyridine-d5	3.687	84	701561	22.292	ng/u1	0.00
7) Phenol-d5	6.934	99	815239	20.328	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	492868	23.218	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	657747	20.886	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	646717	19.741	ng/u1	0.00
21) Nitrobenzene-d5	8.904	128	315744	21.173	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	318450	19.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	598177	20.264	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	898228	20.347	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1679359	20.610	ng/u1	0.00
49) Acenaphthylene-d8	14.087	160	1991069	21.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	292599	18.081	ng/u1	0.00
60) Fluorene-d10	15.410	176	1429256	20.829	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	226622	18.901	ng/u1	0.00
73) Anthracene-d10	17.298	188	2076086	21.756	ng/u1	0.00
81) Pyrene-d10	19.669	212	2138796	22.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	1932672	21.052	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	104904	9.146	ng/uL	97
5) Pyridine	3.705	79	715968	22.723	ng/u1	99
6) Benzaldehyde	6.905	77	533278	27.093	ng/u1	97
8) Phenol	6.963	94	862139	20.936	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.187	93	690663	22.033	ng/u1	98
12) 2-Chlorophenol	7.328	128	688302	21.215	ng/u1	96
13) 2-Methylphenol	8.199	108	618351	19.957	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.269	45	748664	23.150	ng/u1	100
16) Acetophenone	8.569	105	1052438	21.015	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.557	70	504380	21.387	ng/u1	98
18) 4-Methylphenol	8.528	108	692398	20.141	ng/u1	98
19) Hexachloroethane	8.828	117	277502	21.631	ng/u1	97
22) Nitrobenzene	8.946	77	745453	23.034	ng/u1	96
23) Isophorone	9.469	82	1366972	20.920	ng/u1	97
25) 2-Nitrophenol	9.652	139	359042	20.457	ng/u1	96
26) 2,4-Dimethylphenol	9.716	107	688871	21.206	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.946	93	895489	22.001	ng/u1	100
29) 2,4-Dichlorophenol	10.193	162	612089	20.447	ng/u1	98
30) Naphthalene	10.587	128	2172071	21.771	ng/u1	99
32) 4-Chloroaniline	10.687	127	861314	20.674	ng/u1	100
33) Hexachlorobutadiene	10.875	225	381957	21.077	ng/u1	100
34) Caprolactam	11.469	113	183216m	15.798	ng/u1	
35) 4-Chloro-3-methylphenol	11.822	107	623353	19.372	ng/u1	97
36) 2-Methylnaphthalene	12.193	142	1468094	20.928	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1445362	20.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	723742	22.410	ng/ul	99
40) Hexachlorocyclopentadiene	12.545	237	405193	22.265	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	441408	20.462	ng/ul	99
42) 2,4,5-Trichlorophenol	12.881	196	482258	20.741	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	1845636	22.760	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1423070	22.523	ng/ul	100
45) 2-Nitroaniline	13.463	65	351101	21.351	ng/ul	91
47) Dimethylphthalate	13.845	163	1665092	20.538	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	315662	19.923	ng/ul	96
50) Acenaphthylene	14.110	152	2152087	21.989	ng/ul	99
51) 3-Nitroaniline	14.292	138	347005	19.928	ng/ul	94
52) Acenaphthene	14.457	153	1515901	21.846	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	151938	16.085	ng/ul	97
55) 4-Nitrophenol	14.616	109	214734	18.756	ng/ul	97
56) Dibenzofuran	14.798	168	2051231	21.333	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	450706	19.124	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.028	232	370565	18.729	ng/ul	90
59) Diethylphthalate	15.228	149	1616361	19.899	ng/ul	99
61) Fluorene	15.463	166	1677833	21.035	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	803114	20.339	ng/ul	98
63) 4-Nitroaniline	15.475	138	347349	20.503	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.534	198	257368	19.525	ng/ul	99
67) N-Nitrosodiphenylamine	15.669	169	1347978	22.726	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	474570	21.644	ng/ul	98
69) Hexachlorobenzene	16.486	284	558282	21.014	ng/ul	99
70) Atrazine	16.651	200	458911	19.980	ng/ul	98
71) Pentachlorophenol	16.845	266	302405	18.506	ng/ul	99
72) Phenanthrene	17.239	178	2426751	22.111	ng/ul	99
74) Anthracene	17.328	178	2405417	21.733	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	708861	24.908	ng/ul	99
76) Pentachlorobenzene	14.716	250	717468	23.394	ng/ul	99
77) Carbazole	17.616	167	2153084	22.205	ng/ul	100
78) Di-n-butylphthalate	18.210	149	2462144	20.515	ng/ul	100
80) Fluoranthene	19.322	202	2530330	23.510	ng/ul	99
82) Pyrene	19.698	202	2741860	24.361	ng/ul	96
83) Butylbenzylphthalate	20.651	149	935907	19.310	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	725469	19.229	ng/ul	100
85) Benzo(a)anthracene	21.627	228	2479240	21.621	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.569	149	1358440	19.209	ng/ul	98
87) Chrysene	21.698	228	2327368	22.027	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	1950904	18.496	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	2306208	21.601	ng/ul	99
91) Benzo(k)fluoranthene	24.015	252	2347221	21.930	ng/ul	99
93) Benzo(a)pyrene	24.862	252	2174896	21.813	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.845	276	2789592m	21.585	ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	2282489	21.772	ng/ul	99
96) Benzo(g,h,i)perylene	30.039	276	2191931	22.143	ng/ul	98

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

