

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020123\
 Data File : BP013689.D
 Acq On : 01 Feb 2023 11:16
 Operator : CG/JU
 Sample : SSTD02025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Quant Time: Feb 02 00:17:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:14:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
 Supervised By :Yogesh Patel 02/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	275769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.969	136	1145449	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.775	164	816999	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2012543	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2146168	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	2438812	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	52250	8.033	ng/uL	0.00
4) Pyridine-d5	3.911	84	372758	19.973	ng/u1	0.00
7) Phenol-d5	7.281	99	483548	19.951	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	291076	20.477	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	363766	20.474	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	387265	20.043	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	149154	20.412	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	179383	21.065	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	416570	20.919	ng/u1	0.00
31) 4-Chloroaniline-d4	11.099	131	559512	21.274	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1335493	20.737	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	1486482	20.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	218259	20.107	ng/u1	0.00
60) Fluorene-d10	15.763	176	1145243	20.631	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	192248	17.046	ng/u1	0.00
73) Anthracene-d10	17.628	188	1952470	20.813	ng/u1	0.00
81) Pyrene-d10	19.845	212	2423295	20.245	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	2565023	20.603	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	55053	8.122	ng/uL	100
5) Pyridine	3.934	79	380628	20.255	ng/u1	100
6) Benzaldehyde	7.269	77	206808m	21.243	ng/u1	
8) Phenol	7.311	94	499494	20.138	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.552	93	410241	20.582	ng/u1	100
12) 2-Chlorophenol	7.693	128	366449	20.358	ng/u1	100
13) 2-Methylphenol	8.575	108	379848	20.057	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.669	45	482103	20.429	ng/u1	100
16) Acetophenone	8.969	105	625719	20.774	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.952	70	312245	20.694	ng/u1	100
18) 4-Methylphenol	8.905	108	415863	20.219	ng/u1	100
19) Hexachloroethane	9.234	117	143302	20.339	ng/u1	100
22) Nitrobenzene	9.352	77	415188	21.037	ng/u1	100
23) Isophorone	9.881	82	941992	20.848	ng/u1	100
25) 2-Nitrophenol	10.069	139	201706	21.407	ng/u1	100
26) 2,4-Dimethylphenol	10.122	107	447001	20.997	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.363	93	571633	20.875	ng/u1	100
29) 2,4-Dichlorophenol	10.605	162	406282	21.081	ng/u1	100
30) Naphthalene	11.016	128	1262462	20.853	ng/u1	100
32) 4-Chloroaniline	11.122	127	569940	21.532	ng/u1	100
33) Hexachlorobutadiene	11.299	225	279264	20.546	ng/u1	100
34) Caprolactam	11.899	113	133684	20.533	ng/u1	100
35) 4-Chloro-3-methylphenol	12.228	107	433538	21.224	ng/u1	100
36) 2-Methylnaphthalene	12.610	142	924506	21.454	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.834	142	918611	21.107	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.975	216	561851	20.819	ng/u1	100
40) Hexachlorocyclopentadiene	12.957	237	275227	18.138	ng/u1	100
41) 2,4,6-Trichlorophenol	13.210	196	378434	21.168	ng/u1	100
42) 2,4,5-Trichlorophenol	13.281	196	419483	21.530	ng/u1	100
43) 1,1'-Biphenyl	13.610	154	1350811	21.837	ng/u1	100
44) 2-Chloronaphthalene	13.657	162	1067113	21.805	ng/u1	100
45) 2-Nitroaniline	13.857	65	196353	21.078	ng/u1	100
47) Dimethylphthalate	14.222	163	1311261	20.667	ng/u1	100
48) 2,6-Dinitrotoluene	14.346	165	188525	20.850	ng/u1	100
50) Acenaphthylene	14.498	152	1569400	20.917	ng/u1	100
51) 3-Nitroaniline	14.675	138	180638	18.901	ng/u1	100
52) Acenaphthene	14.840	153	1070185	20.756	ng/u1	100
53) 2,4-Dinitrophenol	14.875	184	114418	16.292	ng/u1	100
55) 4-Nitrophenol	14.969	109	169199	20.448	ng/u1	100
56) Dibenzofuran	15.169	168	1549770	20.693	ng/u1	100
57) 2,4-Dinitrotoluene	15.128	165	308741	21.740	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.393	232	370314	20.223	ng/u1	100
59) Diethylphthalate	15.581	149	1255000	20.604	ng/u1	100
61) Fluorene	15.822	166	1253778	20.571	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.810	204	670002	20.177	ng/u1	100
63) 4-Nitroaniline	15.834	138	173874	19.430	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.892	198	201052	17.912	ng/u1	100
67) N-Nitrosodiphenylamine	16.022	169	1095986	20.176	ng/u1	100
68) 4-Bromophenyl-phenylether	16.710	248	469627	20.510	ng/u1	100
69) Hexachlorobenzene	16.828	284	554841	20.655	ng/u1	100
70) Atrazine	16.975	200	448542	20.516	ng/u1	100
71) Pentachlorophenol	17.169	266	329622	19.224	ng/u1	100
72) Phenanthrene	17.569	178	2213539	20.822	ng/u1	100
74) Anthracene	17.663	178	2251892	20.914	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.581	216	602892	21.027	ng/uL	100
76) Pentachlorobenzene	15.093	250	575562	19.581	ng/uL	100
77) Carbazole	17.922	167	1997129	21.380	ng/u1	100
78) Di-n-butylphthalate	18.457	149	2285107	20.704	ng/u1	100
80) Fluoranthene	19.522	202	2803717	20.096	ng/u1	100
82) Pyrene	19.875	202	2911909	20.414	ng/u1	100
83) Butylbenzylphthalate	20.728	149	813806	19.857	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.510	252	991659	20.344	ng/u1	100
85) Benzo(a)anthracene	21.586	228	3054191	20.700	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1365970	19.441	ng/u1	100
87) Chrysene	21.645	228	2870028	20.661	ng/u1	100
89) Di-n-octyl phthalate	22.469	149	2415156	18.799	ng/u1	100
90) Benzo(b)fluoranthene	23.386	252	3190986	20.043	ng/u1	100
91) Benzo(k)fluoranthene	23.439	252	3167493	20.817	ng/u1	100
93) Benzo(a)pyrene	24.063	252	2846712	20.712	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.892	276	3701785	21.738	ng/u1	100
95) Dibenzo(a,h)anthracene	26.915	278	3072904	21.767	ng/u1	100
96) Benzo(g,h,i)perylene	27.733	276	2951405	21.908	ng/u1	100

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

