

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016793.D
 Acq On : 28 Aug 2023 15:50
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:18:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:10:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	353674	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	1602105	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	1018329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2269518	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	2037455	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1849649	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	64047	7.484	ng/uL	0.00
4) Pyridine-d5	3.811	84	481358	18.407	ng/u1	0.00
7) Phenol-d5	7.164	99	559585	17.793	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	360514	17.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	435103	18.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	459026	17.880	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	216199	17.848	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	229729	17.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	438990	18.442	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	665786	18.238	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1358285	17.687	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1615302	18.606	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	249081	15.692	ng/u1	0.00
60) Fluorene-d10	15.681	176	1194017	18.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	198135	14.660	ng/u1	0.00
73) Anthracene-d10	17.557	188	1879149	18.680	ng/u1	0.00
81) Pyrene-d10	19.792	212	2184791	19.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1698667	18.334	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	68786	7.381	ng/uL	96
5) Pyridine	3.828	79	498584	18.509	ng/u1	98
6) Benzaldehyde	7.181	77	357677	20.797	ng/u1	99
8) Phenol	7.193	94	594870	18.074	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.458	93	477040	17.956	ng/u1	98
12) 2-Chlorophenol	7.575	128	448115	18.541	ng/u1	100
13) 2-Methylphenol	8.463	108	438638	17.767	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	703614m	18.156	ng/u1	
16) Acetophenone	8.875	105	739733	18.582	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	387467	18.470	ng/u1	99
18) 4-Methylphenol	8.793	108	482875	17.961	ng/u1	100
19) Hexachloroethane	9.099	117	179109	17.811	ng/u1	98
22) Nitrobenzene	9.269	77	556869	17.919	ng/u1	99
23) Isophorone	9.781	82	1065822	17.659	ng/u1	99
25) 2-Nitrophenol	9.975	139	256939	18.199	ng/u1	99
26) 2,4-Dimethylphenol	10.010	107	513132	18.083	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.269	93	664323	17.840	ng/u1	99
29) 2,4-Dichlorophenol	10.493	162	443333	18.541	ng/u1	100
30) Naphthalene	10.910	128	1522389	18.344	ng/u1	100
32) 4-Chloroaniline	11.040	127	646284	18.015	ng/u1	100
33) Hexachlorobutadiene	11.140	225	258639	17.560	ng/u1	98
34) Caprolactam	11.857	113	147416	16.718	ng/u1	98
35) 4-Chloro-3-methylphenol	12.134	107	491448	18.328	ng/u1	100
36) 2-Methylnaphthalene	12.510	142	1051088	18.349	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	1071341	18.546	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.863	216	525052	18.090	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	379123	17.763	ng/ul	100
41) 2,4,6-Trichlorophenol	13.116	196	351384	18.130	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	379849	18.111	ng/ul	98
43) 1,1'-Biphenyl	13.522	154	1390387	18.364	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1100689	18.416	ng/ul	100
45) 2-Nitroaniline	13.798	65	316734	17.474	ng/ul	97
47) Dimethylphthalate	14.146	163	1381785	17.766	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	262617	17.232	ng/ul	99
50) Acenaphthylene	14.416	152	1838381	18.501	ng/ul	99
51) 3-Nitroaniline	14.628	138	275383	17.353	ng/ul	99
52) Acenaphthene	14.751	153	1213359	18.458	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	175100	15.812	ng/ul	97
55) 4-Nitrophenol	14.904	109	188830	15.752	ng/ul	97
56) Dibenzofuran	15.087	168	1661438	18.420	ng/ul	97
57) 2,4-Dinitrotoluene	15.069	165	398551	17.767	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	316072	17.702	ng/ul	100
59) Diethylphthalate	15.504	149	1394464	17.649	ng/ul	99
61) Fluorene	15.740	166	1388507	18.404	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	665714	17.972	ng/ul	98
63) 4-Nitroaniline	15.792	138	267214	17.696	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.822	198	220034	15.100	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	1158733	18.460	ng/ul	100
68) 4-Bromophenyl-phenylether	16.634	248	383532	17.626	ng/ul	93
69) Hexachlorobenzene	16.716	284	432778	17.764	ng/ul	96
70) Atrazine	16.910	200	413489	17.473	ng/ul	99
71) Pentachlorophenol	17.081	266	311709	17.236	ng/ul	99
72) Phenanthrene	17.504	178	2200064	18.414	ng/ul	100
74) Anthracene	17.592	178	2250272	18.627	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	556012	18.297	ng/ul	98
76) Pentachlorobenzene	14.981	250	491681	18.105	ng/ul	99
77) Carbazole	17.875	167	2038315	18.734	ng/ul	100
78) Di-n-butylphthalate	18.386	149	2395844	17.650	ng/ul	100
80) Fluoranthene	19.463	202	2585437	19.234	ng/ul	100
82) Pyrene	19.822	202	2704217	19.476	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1092058	18.237	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	764044	17.544	ng/ul	97
85) Benzo(a)anthracene	21.539	228	2596627	18.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1596733	18.261	ng/ul	99
87) Chrysene	21.598	228	2369826	18.590	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2676416	19.215	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2172949	18.397	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2168085	18.560	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1955321	18.302	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	2004895	18.365	ng/ul	99
95) Dibenzo(a,h)anthracene	26.904	278	1664941	18.362	ng/ul	98
96) Benzo(g,h,i)perylene	27.733	276	1585707	19.159	ng/ul	97

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