

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044681.D
 Acq On : 20 Mar 2024 13:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020078

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 20 14:56:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	177197	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	708452	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	414452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	782171	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	698225	20.000	ng/u1	0.00
88) Perylene-d12	23.538	264	824200	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	41862	8.013	ng/uL	0.00
4) Pyridine-d5	3.652	84	280894	18.267	ng/u1	0.00
7) Phenol-d5	6.863	99	325995	17.894	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	212350	18.871	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.228	132	257240	19.215	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	242394	16.942	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	122426	20.522	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	128295	19.949	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	227092	20.748	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.622	131	344790	18.967	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	611463	18.808	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	723772	19.466	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	115788	17.174	ng/u1	0.00
60) Fluorene-d10	15.339	176	531133	19.441	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	95940	18.896	ng/u1	0.00
73) Anthracene-d10	17.192	188	774707	20.721	ng/u1	0.00
81) Pyrene-d10	19.492	212	838738	19.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.397	264	870441	20.093	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	42568	7.870	ng/uL	100
5) Pyridine	3.669	79	291786	18.295	ng/u1	92
6) Benzaldehyde	6.851	77	184763	23.284	ng/u1	94
8) Phenol	6.892	94	337125	18.132	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.134	93	278106	18.216	ng/u1	96
12) 2-Chlorophenol	7.257	128	260322	18.852	ng/u1	96
13) 2-Methylphenol	8.134	108	243940	17.289	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	406231	20.148	ng/u1	95
16) Acetophenone	8.516	105	397199	17.900	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.504	70	206618	18.023	ng/u1	91
18) 4-Methylphenol	8.463	108	265415	17.281	ng/u1	94
19) Hexachloroethane	8.751	117	111330	19.682	ng/u1	97
22) Nitrobenzene	8.892	77	299913	21.199	ng/u1	95
23) Isophorone	9.416	82	559484	19.384	ng/u1	98
25) 2-Nitrophenol	9.598	139	140785	20.080	ng/u1	96
26) 2,4-Dimethylphenol	9.657	107	260366	20.409	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.904	93	354179	19.511	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	227840	20.851	ng/u1	99
30) Naphthalene	10.522	128	834284	20.792	ng/u1	100
32) 4-Chloroaniline	10.645	127	334396	19.081	ng/u1	97
33) Hexachlorobutadiene	10.792	225	137065	22.380	ng/u1	98
34) Caprolactam	11.422	113	67317m	15.819	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	239658	18.913	ng/u1	97
36) 2-Methylnaphthalene	12.139	142	534595	20.035	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	518899	19.714	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	252821	21.442	ng/ul	99
40) Hexachlorocyclopentadiene	12.480	237	163027	20.829	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	162416	19.649	ng/ul	100
42) 2,4,5-Trichlorophenol	12.827	196	175325	19.792	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	671499	20.404	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	524137	20.294	ng/ul	100
45) 2-Nitroaniline	13.427	65	156559	19.309	ng/ul	99
47) Dimethylphthalate	13.810	163	627409	18.965	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	121070	18.322	ng/ul	98
50) Acenaphthylene	14.057	152	873362	20.153	ng/ul	100
51) 3-Nitroaniline	14.263	138	130281	18.253	ng/ul	96
52) Acenaphthene	14.404	153	572735	20.104	ng/ul	99
53) 2,4-Dinitrophenol	14.468	184	60782	14.380	ng/ul	96
55) 4-Nitrophenol	14.563	109	84554	17.899	ng/ul	90
56) Dibenzofuran	14.739	168	767315	20.248	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	173966	18.238	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.968	232	140400	19.152	ng/ul	96
59) Diethylphthalate	15.180	149	626679	18.253	ng/ul	98
61) Fluorene	15.392	166	631747	20.383	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.392	204	300290	20.876	ng/ul	98
63) 4-Nitroaniline	15.427	138	128972m	18.906	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	103763	19.125	ng/ul	94
67) N-Nitrosodiphenylamine	15.610	169	507355	21.537	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	172894	22.100	ng/ul	95
69) Hexachlorobenzene	16.386	284	197093	22.118	ng/ul	98
70) Atrazine	16.574	200	158774	20.625	ng/ul	97
71) Pentachlorophenol	16.739	266	110433	18.768	ng/ul	98
72) Phenanthrene	17.133	178	930738	20.976	ng/ul	99
74) Anthracene	17.227	178	948085	21.128	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.121	216	246336	23.579	ng/uL	100
76) Pentachlorobenzene	14.651	250	235413	23.308	ng/uL	99
77) Carbazole	17.504	167	851366	20.190	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1044415	18.414	ng/ul	100
80) Fluoranthene	19.156	202	1002067	19.649	ng/ul	99
82) Pyrene	19.521	202	1070334	20.159	ng/ul	98
83) Butylbenzylphthalate	20.445	149	427391	16.370	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	304705	20.174	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1033380	19.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	661181	17.369	ng/ul	98
87) Chrysene	21.327	228	958832	19.752	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1137292	15.419	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1051429	19.065	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1079050	19.977	ng/ul	99
93) Benzo(a)pyrene	23.444	252	1025590	19.880	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.803	276	1317207	22.764	ng/ul	98
95) Dibenzo(a,h)anthracene	25.827	278	1102910	22.859	ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	1048958	22.717	ng/ul	99

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

