

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060429.D
 Acq On : 25 Jan 2024 18:56
 Operator : MA/JU
 Sample : SSTD01074
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD010449

Quant Time: Jan 26 05:49:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 05:39:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	139510	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	644457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	497712	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.307	188	1291194	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	1238520	20.000	ng/ul	0.00
88) Perylene-d12	24.727	264	1374115	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	10364	3.723	ng/uL	0.00
4) Pyridine-d5	3.775	84	81545	9.259	ng/ul	0.00
7) Phenol-d5	7.089	99	120038	9.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	77261	9.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.459	132	87625	9.903	ng/ul	0.00
15) 4-Methylphenol-d8	8.629	113	99174	9.087	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	43063m	9.056	ng/ul	0.00
24) 2-Nitrophenol-d4	9.809	143	50743	9.136	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	107806	9.333	ng/ul	0.00
31) 4-Chloroaniline-d4	10.861	131	143893	9.496	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	418187	10.268	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	446498	9.774	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	46197	7.920	ng/ul	0.00
60) Fluorene-d10	15.550	176	356586	9.992	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	61418	7.682	ng/ul	0.00
73) Anthracene-d10	17.406	188	631404	10.316	ng/ul	0.00
81) Pyrene-d10	19.698	212	771530	10.394	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	699816	9.708	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	12566m	4.193	ng/uL	
5) Pyridine	3.793	79	83609	9.338	ng/ul	99
6) Benzaldehyde	7.066	77	56101	11.139	ng/ul	94
8) Phenol	7.113	94	128709	9.293	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.342	93	101171	9.171	ng/ul	97
12) 2-Chlorophenol	7.489	128	88448	9.691	ng/ul	99
13) 2-Methylphenol	8.364	108	97041	9.067	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	141695	9.733	ng/ul	98
16) Acetophenone	8.746	105	164573	9.462	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.723	70	92488	9.861	ng/ul#	98
18) 4-Methylphenol	8.693	108	101058	8.781	ng/ul	99
19) Hexachloroethane	9.005	117	39920	9.893	ng/ul	93
22) Nitrobenzene	9.128	77	120893	9.296	ng/ul	95
23) Isophorone	9.645	82	283996	10.073	ng/ul	97
25) 2-Nitrophenol	9.839	139	49265	8.725	ng/ul	96
26) 2,4-Dimethylphenol	9.898	107	110652	9.497	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.133	93	151953	9.468	ng/ul	98
29) 2,4-Dichlorophenol	10.374	162	105496	9.501	ng/ul	97
30) Naphthalene	10.779	128	337215	9.697	ng/ul	98
32) 4-Chloroaniline	10.885	127	142328	9.573	ng/ul	96
33) Hexachlorobutadiene	11.061	225	88104	9.556	ng/ul	93
34) Caprolactam	11.637	113	39162m	10.630	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	104540	9.391	ng/ul	99
36) 2-Methylnaphthalene	12.383	142	241784	9.891	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.606	142	242532	9.816	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.753	216	167189	9.230	ng/ul	97
40) Hexachlorocyclopentadiene	12.730	237	80442	7.344	ng/ul	95
41) 2,4,6-Trichlorophenol	12.994	196	102398	9.273	ng/ul	94
42) 2,4,5-Trichlorophenol	13.065	196	112777	9.665	ng/ul	95
43) 1,1'-Biphenyl	13.394	154	359105	9.740	ng/ul	98
44) 2-Chloronaphthalene	13.435	162	299296	9.615	ng/ul	96
45) 2-Nitroaniline	13.646	65	69635	8.888	ng/ul	96
47) Dimethylphthalate	14.010	163	417360	10.266	ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	68735	8.965	ng/ul	97
50) Acenaphthylene	14.281	152	498752	9.896	ng/ul	99
51) 3-Nitroaniline	14.469	138	59345	9.208	ng/ul	93
52) Acenaphthene	14.627	153	333800	9.929	ng/ul	97
53) 2,4-Dinitrophenol	14.674	184	20626	4.929	ng/ul	94
55) 4-Nitrophenol	14.774	109	34282	8.632	ng/ul	95
56) Dibenzofuran	14.956	168	483799	10.193	ng/ul	98
57) 2,4-Dinitrotoluene	14.921	165	109110	9.712	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.186	232	104592	9.645	ng/ul#	96
59) Diethylphthalate	15.374	149	407693	10.430	ng/ul	99
61) Fluorene	15.609	166	395001	10.144	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	215915	10.046	ng/ul	97
63) 4-Nitroaniline	15.626	138	60488m	9.580	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.685	198	63874	7.638	ng/ul	94
67) N-Nitrosodiphenylamine	15.814	169	338759	9.673	ng/ul	96
68) 4-Bromophenyl-phenylether	16.496	248	144469	9.631	ng/ul	97
69) Hexachlorobenzene	16.613	284	171556	9.859	ng/ul	97
70) Atrazine	16.760	200	149629	10.393	ng/ul	96
71) Pentachlorophenol	16.960	266	71508	7.462	ng/ul	96
72) Phenanthrene	17.354	178	698844	10.294	ng/ul	98
74) Anthracene	17.442	178	703851	10.175	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	171950	9.100	ng/uL	99
76) Pentachlorobenzene	14.880	250	185782	9.444	ng/uL	94
77) Carbazole	17.712	167	624819	10.936	ng/ul	99
78) Di-n-butylphthalate	18.270	149	711299	10.560	ng/ul	98
80) Fluoranthene	19.363	202	877245	10.590	ng/ul	99
82) Pyrene	19.727	202	927420	10.758	ng/ul	99
83) Butylbenzylphthalate	20.614	149	303287	9.870	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.472	252	299948	10.418	ng/ul	98
85) Benzo(a)anthracene	21.549	228	879781	10.302	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.455	149	456373	9.950	ng/ul	97
87) Chrysene	21.613	228	822593	10.254	ng/ul	96
89) Di-n-octyl phthalate	22.642	149	768150	10.475	ng/ul	100
90) Benzo(b)fluoranthene	23.723	252	828413	9.715	ng/ul	99
91) Benzo(k)fluoranthene	23.787	252	879628	10.105	ng/ul	99
93) Benzo(a)pyrene	24.580	252	800527	9.759	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.317	276	972022	9.667	ng/ul	97
95) Dibenzo(a,h)anthracene	28.382	278	790415	9.635	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	770902	9.469	ng/ul	97

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

