

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061375.D
 Acq On : 31 May 2024 2:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020505

Quant Time: May 31 02:38:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	37907	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	157000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	128600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	305631	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	319550	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	356158	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	6105	9.013	ng/uL	0.00
4) Pyridine-d5	3.740	84	49689	20.620	ng/ul	0.00
7) Phenol-d5	7.053	99	57684	18.530	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	35536	18.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	45409	19.710	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	48318	18.203	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	24219	20.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	28788	20.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	56640	20.537	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	68766	19.058	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	180497	18.097	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	202013	19.482	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	22767	18.463	ng/ul	0.00
60) Fluorene-d10	15.502	176	164128	19.060	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	34770	18.810	ng/ul	0.00
73) Anthracene-d10	17.359	188	264740	19.648	ng/ul	0.00
81) Pyrene-d10	19.650	212	309005	18.833	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	330607	19.308	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	7415	9.121	ng/uL#	81
5) Pyridine	3.757	79	51196	21.480	ng/ul	91
6) Benzaldehyde	7.012	77	33819	20.777	ng/ul	97
8) Phenol	7.083	94	59741	18.835	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.294	93	44115	19.015	ng/ul	93
12) 2-Chlorophenol	7.441	128	46347	19.036	ng/ul	97
13) 2-Methylphenol	8.328	108	45595	18.549	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.393	45	111995	17.875	ng/ul	99
16) Acetophenone	8.693	105	81253	17.936	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	42038	16.877	ng/ul	91
18) 4-Methylphenol	8.657	108	51360	18.858	ng/ul	94
19) Hexachloroethane	8.945	117	21623	19.960	ng/ul	95
22) Nitrobenzene	9.075	77	64561	19.473	ng/ul	97
23) Isophorone	9.592	82	120569	17.878	ng/ul	99
25) 2-Nitrophenol	9.780	139	29880	19.459	ng/ul	97
26) 2,4-Dimethylphenol	9.850	107	58428	19.203	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.073	93	63484	18.779	ng/ul#	94
29) 2,4-Dichlorophenol	10.326	162	53317	20.989	ng/ul	97
30) Naphthalene	10.720	128	162056	19.556	ng/ul	99
32) 4-Chloroaniline	10.825	127	67011	18.688	ng/ul	97
33) Hexachlorobutadiene	11.002	225	50347	20.277	ng/ul	95
34) Caprolactam	11.583	113	19173m	19.728	ng/ul	
35) 4-Chloro-3-methylphenol	11.971	107	60292	18.361	ng/ul	93
36) 2-Methylnaphthalene	12.324	142	113757	18.930	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.547	142	115720	18.764	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.700	216	88446	20.831	ng/ul	98
40) Hexachlorocyclopentadiene	12.676	237	41789	21.806	ng/ul	91
41) 2,4,6-Trichlorophenol	12.946	196	50093	20.946	ng/ul	99
42) 2,4,5-Trichlorophenol	13.029	196	55373	21.987	ng/ul	97
43) 1,1'-Biphenyl	13.340	154	167412	20.132	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	134478	20.549	ng/ul	98
45) 2-Nitroaniline	13.587	65	50560	18.720	ng/ul	95
47) Dimethylphthalate	13.963	163	189542	18.233	ng/ul	99
48) 2,6-Dinitrotoluene	14.086	165	38616	18.942	ng/ul	93
50) Acenaphthylene	14.227	152	222920	19.387	ng/ul	99
51) 3-Nitroaniline	14.415	138	34827	19.685	ng/ul	100
52) Acenaphthene	14.574	153	149295	19.793	ng/ul	99
53) 2,4-Dinitrophenol	14.644	184	26439m	24.457	ng/ul	
55) 4-Nitrophenol	14.756	109	26598	18.346	ng/ul	97
56) Dibenzofuran	14.909	168	210896	19.555	ng/ul	97
57) 2,4-Dinitrotoluene	14.885	165	59638	19.228	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.144	232	48310	21.032	ng/ul#	96
59) Diethylphthalate	15.332	149	182641	17.792	ng/ul	100
61) Fluorene	15.561	166	179864	19.275	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.549	204	103304	18.877	ng/ul	97
63) 4-Nitroaniline	15.585	138	36507	19.812	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.655	198	36473	18.827	ng/ul	96
67) N-Nitrosodiphenylamine	15.767	169	158172	20.591	ng/ul	97
68) 4-Bromophenyl-phenylether	16.448	248	74263	20.507	ng/ul	96
69) Hexachlorobenzene	16.572	284	81404	20.224	ng/ul	99
70) Atrazine	16.719	200	58176	19.136	ng/ul	97
71) Pentachlorophenol	16.924	266	36519m	26.067	ng/ul	
72) Phenanthrene	17.300	178	292593	19.724	ng/ul	99
74) Anthracene	17.394	178	300411	19.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.305	216	91597	22.673	ng/uL	98
76) Pentachlorobenzene	14.833	250	94018	21.049	ng/uL	99
77) Carbazole	17.664	167	248707	19.936	ng/ul	98
78) Di-n-butylphthalate	18.223	149	301968	19.318	ng/ul	99
80) Fluoranthene	19.315	202	372952	18.948	ng/ul	98
82) Pyrene	19.680	202	387712	18.977	ng/ul	99
83) Butylbenzylphthalate	20.573	149	137624	19.608	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.413	252	137660	20.295	ng/ul	97
85) Benzo(a)anthracene	21.495	228	422172	19.147	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.407	149	199943	19.245	ng/ul	100
87) Chrysene	21.554	228	395496	19.480	ng/ul	99
89) Di-n-octyl phthalate	22.565	149	345758	19.405	ng/ul	100
90) Benzo(b)fluoranthene	23.616	252	412599	19.457	ng/ul	98
91) Benzo(k)fluoranthene	23.681	252	408585	18.980	ng/ul	99
93) Benzo(a)pyrene	24.451	252	385617	19.151	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.088	276	475698	19.535	ng/ul	96
95) Dibenzo(a,h)anthracene	28.140	278	394347	19.640	ng/ul	99
96) Benzo(g,h,i)perylene	29.180	276	374580	19.336	ng/ul	99

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

