

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG054012.D
 Acq On : 22 Jun 2022 15:31
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020569

Quant Time: Jun 23 01:15:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/23/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	21054	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	90485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	67922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	177740	20.000	ng/u1	0.00
79) Chrysene-d12	21.722	240	190865	20.000	ng/u1	0.00
88) Perylene-d12	24.977	264	194685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.502	96	4095	9.254	ng/uL	0.00
4) Pyridine-d5	3.913	84	26544	22.055	ng/u1	0.00
7) Phenol-d5	7.233	99	33170	21.991	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	21064	23.151	ng/u1	0.00
11) 2-Chlorophenol-d4	7.615	132	26982	22.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.778	113	28973	22.528	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	13894	20.687	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	15633	21.907	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	33345	21.120	ng/u1	0.00
31) 4-Chloroaniline-d4	11.017	131	41068	20.590	ng/u1	0.00
46) Dimethylphthalate-d6	14.101	166	107042	20.033	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	119252	20.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.889	143	14764	20.179	ng/u1	0.00
60) Fluorene-d10	15.694	176	98152	20.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	18907	19.500	ng/u1	0.00
73) Anthracene-d10	17.544	188	162945	20.300	ng/u1	0.00
81) Pyrene-d10	19.830	212	205946	20.695	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.754	264	202739	20.630	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.537	88	4384	9.079	ng/uL#	75
5) Pyridine	3.937	79	27538	22.063	ng/u1	93
6) Benzaldehyde	7.209	77	20533m	26.733	ng/u1	
8) Phenol	7.262	94	35289	22.422	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.491	93	27703	23.238	ng/u1	89
12) 2-Chlorophenol	7.644	128	28603	23.291	ng/u1	96
13) 2-Methylphenol	8.520	108	27351	22.388	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.608	45	42260	23.865	ng/u1	99
16) Acetophenone	8.896	105	44240	22.243	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.878	70	22922	22.608	ng/u1	98
18) 4-Methylphenol	8.843	108	29270	22.396	ng/u1	100
19) Hexachloroethane	9.166	117	11745	22.570	ng/u1	94
22) Nitrobenzene	9.278	77	32586	20.369	ng/u1	99
23) Isophorone	9.800	82	63103	20.345	ng/u1	98
25) 2-Nitrophenol	9.994	139	16193	21.640	ng/u1	91
26) 2,4-Dimethylphenol	10.053	107	34250	20.961	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.282	93	37495	21.473	ng/u1	97
29) 2,4-Dichlorophenol	10.529	162	32219	20.406	ng/u1	98
30) Naphthalene	10.940	128	91987	20.493	ng/u1	99
32) 4-Chloroaniline	11.040	127	40795	20.625	ng/u1	96
33) Hexachlorobutadiene	11.228	225	28502	18.482	ng/u1	96
34) Caprolactam	11.781	113	9373m	19.893	ng/u1	
35) 4-Chloro-3-methylphenol	12.157	107	31938	21.035	ng/u1	94
36) 2-Methylnaphthalene	12.538	142	66577	20.051	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	68014	20.539	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.903	216	54323	19.676	ng/ul	95
40) Hexachlorocyclopentadiene	12.885	237	23837	15.395	ng/ul	93
41) 2,4,6-Trichlorophenol	13.138	196	30977	21.618	ng/ul	89
42) 2,4,5-Trichlorophenol	13.214	196	32697	20.184	ng/ul	97
43) 1,1'-Biphenyl	13.537	154	98401	20.902	ng/ul	100
44) 2-Chloronaphthalene	13.584	162	78103	19.978	ng/ul	99
45) 2-Nitroaniline	13.772	65	22991	23.376	ng/ul	99
47) Dimethylphthalate	14.148	163	104557	20.359	ng/ul	100
48) 2,6-Dinitrotoluene	14.266	165	21563	20.876	ng/ul#	92
50) Acenaphthylene	14.424	152	125125	20.973	ng/ul	99
51) 3-Nitroaniline	14.595	138	18589	22.170	ng/ul#	89
52) Acenaphthene	14.765	153	81631	20.490	ng/ul	99
53) 2,4-Dinitrophenol	14.806	184	8036	16.794	ng/ul#	58
55) 4-Nitrophenol	14.900	109	13672	19.063	ng/ul	96
56) Dibenzofuran	15.100	168	126508	20.753	ng/ul	98
57) 2,4-Dinitrotoluene	15.053	165	31764	21.200	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.323	232	30754	21.848	ng/ul#	93
59) Diethylphthalate	15.511	149	104073	20.667	ng/ul	98
61) Fluorene	15.746	166	102050	20.555	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.735	204	61617	19.519	ng/ul	95
63) 4-Nitroaniline	15.758	138	16997	21.082	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.817	198	17691	19.008	ng/ul	99
67) N-Nitrosodiphenylamine	15.946	169	92308	21.243	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	45256	20.499	ng/ul	97
69) Hexachlorobenzene	16.757	284	48805	18.861	ng/ul	90
70) Atrazine	16.892	200	42776	20.042	ng/ul	96
71) Pentachlorophenol	17.098	266	20762	18.930	ng/ul#	86
72) Phenanthrene	17.486	178	184045	20.900	ng/ul	98
74) Anthracene	17.580	178	184561	20.797	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.508	216	58275	19.250	ng/ul	95
76) Pentachlorobenzene	15.024	250	54331	19.513	ng/ul	99
77) Carbazole	17.844	167	152532	20.847	ng/ul	99
78) Di-n-butylphthalate	18.402	149	175519	21.070	ng/ul	97
80) Fluoranthene	19.495	202	232920	20.966	ng/ul#	94
82) Pyrene	19.853	202	231958	21.001	ng/ul	99
83) Butylbenzylphthalate	20.735	149	76453	22.969	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.610	252	87917	22.258	ng/ul	97
85) Benzo(a)anthracene	21.698	228	242872	20.644	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.604	149	108544	22.316	ng/ul	98
87) Chrysene	21.769	228	232690	20.617	ng/ul	99
89) Di-n-octyl phthalate	22.832	149	188021	22.487	ng/ul	100
90) Benzo(b)fluoranthene	23.943	252	253323	21.073	ng/ul#	96
91) Benzo(k)fluoranthene	24.007	252	234666	20.387	ng/ul	99
93) Benzo(a)pyrene	24.824	252	241988	20.897	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.702	276	289570	20.784	ng/ul	99
95) Dibenzo(a,h)anthracene	28.767	278	244848	20.883	ng/ul#	97
96) Benzo(g,h,i)perylene	29.865	276	243130	20.668	ng/ul	96

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

