

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG054001.D
 Acq On : 22 Jun 2022 6:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020568

Quant Time: Jun 23 01:07:22 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	8.080	152	24246	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	98002	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.701	164	75362	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	196319	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.722	240	214821	20.000	ng/u1	# 0.00
88) Perylene-d12	24.983	264	219137	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.497	96	4285	8.409	ng/uL	0.00
4) Pyridine-d5	3.920	84	29855	21.540	ng/u1	0.00
7) Phenol-d5	7.234	99	36760	21.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	22455	21.431	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	30494	22.015	ng/u1	0.00
15) 4-Methylphenol-d8	8.779	113	31012	20.939	ng/u1	0.00
21) Nitrobenzene-d5	9.237	128	15511	21.323	ng/u1	0.00
24) 2-Nitrophenol-d4	9.966	143	16908	21.876	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.506	165	35985	21.044	ng/u1	0.00
31) 4-Chloroaniline-d4	11.011	131	43611	20.188	ng/u1	0.00
46) Dimethylphthalate-d6	14.102	166	120811	20.377	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	130997	20.320	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	16725	20.603	ng/u1	0.00
60) Fluorene-d10	15.688	176	107709	20.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	20562	19.200	ng/u1	0.00
73) Anthracene-d10	17.545	188	177446	20.014	ng/u1	0.00
81) Pyrene-d10	19.825	212	232656	20.772	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.754	264	228433	20.651	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.538	88	4732	8.510	ng/uL#	78
5) Pyridine	3.932	79	30135	20.965	ng/u1	94
6) Benzaldehyde	7.216	77	22687	25.649	ng/u1	97
8) Phenol	7.257	94	39390	21.733	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.492	93	29303	21.344	ng/u1	90
12) 2-Chlorophenol	7.645	128	30572	21.617	ng/u1	98
13) 2-Methylphenol	8.514	108	29498	20.966	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.608	45	45619	22.370	ng/u1	97
16) Acetophenone	8.896	105	48984	21.386	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.879	70	25160	21.548	ng/u1	92
18) 4-Methylphenol	8.843	108	32412	21.535	ng/u1	97
19) Hexachloroethane	9.167	117	12927	21.571	ng/u1	92
22) Nitrobenzene	9.278	77	37131	21.430	ng/u1	93
23) Isophorone	9.801	82	69436	20.669	ng/u1	99
25) 2-Nitrophenol	9.995	139	18077	22.305	ng/u1	95
26) 2,4-Dimethylphenol	10.048	107	37680	21.292	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.283	93	40367	21.345	ng/u1	98
29) 2,4-Dichlorophenol	10.530	162	36692	21.457	ng/u1	97
30) Naphthalene	10.935	128	99455	20.458	ng/u1	99
32) 4-Chloroaniline	11.041	127	44221	20.642	ng/u1	99
33) Hexachlorobutadiene	11.229	225	33220	19.889	ng/u1	98
34) Caprolactam	11.787	113	10037m	19.669	ng/u1	
35) 4-Chloro-3-methylphenol	12.157	107	35474	21.571	ng/u1	97
36) 2-Methylnaphthalene	12.539	142	73214	20.358	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	73481	20.488	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.903	216	60452	19.735	ng/ul	94
40) Hexachlorocyclopentadiene	12.886	237	28572	16.631	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.138	196	33785	21.250	ng/ul	92
42) 2,4,5-Trichlorophenol	13.209	196	36068	20.067	ng/ul	98
43) 1,1'-Biphenyl	13.538	154	108064	20.689	ng/ul	99
44) 2-Chloronaphthalene	13.579	162	86692	19.986	ng/ul	98
45) 2-Nitroaniline	13.773	65	24345	22.309	ng/ul	97
47) Dimethylphthalate	14.149	163	114653	20.120	ng/ul	99
48) 2,6-Dinitrotoluene	14.267	165	24665	21.522	ng/ul	90
50) Acenaphthylene	14.425	152	135847	20.522	ng/ul	99
51) 3-Nitroaniline	14.596	138	20632	22.177	ng/ul#	86
52) Acenaphthene	14.766	153	89554	20.259	ng/ul	98
53) 2,4-Dinitrophenol	14.801	184	8266	15.569	ng/ul#	62
55) 4-Nitrophenol	14.901	109	15121	19.002	ng/ul	96
56) Dibenzofuran	15.101	168	137527	20.334	ng/ul	97
57) 2,4-Dinitrotoluene	15.054	165	35673	21.459	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.324	232	34479	22.076	ng/ul#	90
59) Diethylphthalate	15.506	149	113004	20.225	ng/ul	99
61) Fluorene	15.747	166	112741	20.467	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.735	204	69327	19.793	ng/ul	94
63) 4-Nitroaniline	15.753	138	19295m	21.569	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.818	198	19647	19.111	ng/ul	98
67) N-Nitrosodiphenylamine	15.947	169	101429	21.133	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	49945	20.482	ng/ul	93
69) Hexachlorobenzene	16.758	284	55590	19.450	ng/ul	90
70) Atrazine	16.893	200	47581	20.184	ng/ul	97
71) Pentachlorophenol	17.098	266	24275	20.038	ng/ul	98
72) Phenanthrene	17.486	178	199171	20.478	ng/ul	97
74) Anthracene	17.580	178	202431	20.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.509	216	64840	19.391	ng/ul	96
76) Pentachlorobenzene	15.024	250	62782	20.415	ng/ul	98
77) Carbazole	17.845	167	167973	20.785	ng/ul	100
78) Di-n-butylphthalate	18.403	149	190660	20.721	ng/ul	99
80) Fluoranthene	19.496	202	263062	21.039	ng/ul#	94
82) Pyrene	19.854	202	256448	20.629	ng/ul	96
83) Butylbenzylphthalate	20.735	149	81285	21.697	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.611	252	100316	22.565	ng/ul	96
85) Benzo(a)anthracene	21.699	228	269118	20.324	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.605	149	119513	21.831	ng/ul	96
87) Chrysene	21.769	228	258885	20.380	ng/ul	99
89) Di-n-octyl phthalate	22.833	149	206801	21.974	ng/ul	100
90) Benzo(b)fluoranthene	23.943	252	286653	21.185	ng/ul#	97
91) Benzo(k)fluoranthene	24.014	252	266150	20.542	ng/ul#	99
93) Benzo(a)pyrene	24.825	252	273240	20.963	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.703	276	325540	20.759	ng/ul	98
95) Dibenzo(a,h)anthracene	28.767	278	273982	20.760	ng/ul#	96
96) Benzo(g,h,i)perylene	29.860	276	273883	20.685	ng/ul#	96

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

