

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061361.D
 Acq On : 30 May 2024 15:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020504

Quant Time: May 30 22:59:39 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	7.875	152	32757	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	116406	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	95556	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.258	188	242063	20.000	ng/u1	0.00
79) Chrysene-d12	21.512	240	254968	20.000	ng/u1	0.00
88) Perylene-d12	24.597	264	286144	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	4533	7.744	ng/uL	0.00
4) Pyridine-d5	3.739	84	36392	17.476	ng/u1	0.00
7) Phenol-d5	7.053	99	46975	17.463	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	30453	18.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	37989	19.082	ng/u1	0.00
15) 4-Methylphenol-d8	8.592	113	40374	17.602	ng/u1	0.00
21) Nitrobenzene-d5	9.027	128	18322	20.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.749	143	20381	19.431	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	40407	19.760	ng/u1	0.00
31) 4-Chloroaniline-d4	10.801	131	52064	19.461	ng/u1	0.00
46) Dimethylphthalate-d6	13.915	166	140119	18.907	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	153093	19.870	ng/u1	0.00
54) 4-Nitrophenol-d4	14.738	143	17160m	18.728	ng/u1	0.00
60) Fluorene-d10	15.501	176	123468	19.297	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	28446	19.430	ng/u1	0.00
73) Anthracene-d10	17.358	188	212254	19.889	ng/u1	0.00
81) Pyrene-d10	19.650	212	252684	19.301	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.385	264	271199	19.714	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	5157	7.340	ng/uL	95
5) Pyridine	3.756	79	39165	19.016	ng/u1	95
6) Benzaldehyde	7.011	77	24873	17.683	ng/u1	95
8) Phenol	7.082	94	49043	17.893	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.293	93	36871	18.391	ng/u1	92
12) 2-Chlorophenol	7.440	128	40228	19.120	ng/u1	96
13) 2-Methylphenol	8.328	108	32676	15.383	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	83727	15.464	ng/u1#	97
16) Acetophenone	8.692	105	65577	16.752	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.674	70	37052	17.214	ng/u1	88
18) 4-Methylphenol	8.651	108	41899	17.803	ng/u1	99
19) Hexachloroethane	8.950	117	15122	16.154	ng/u1	87
22) Nitrobenzene	9.074	77	46371	18.864	ng/u1	94
23) Isophorone	9.591	82	91215	18.242	ng/u1	98
25) 2-Nitrophenol	9.785	139	22488	19.752	ng/u1	98
26) 2,4-Dimethylphenol	9.849	107	43902	19.461	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.078	93	48811	19.473	ng/u1#	97
29) 2,4-Dichlorophenol	10.325	162	38754	20.576	ng/u1	93
30) Naphthalene	10.719	128	118655	19.312	ng/u1	99
32) 4-Chloroaniline	10.825	127	50449	18.976	ng/u1	100
33) Hexachlorobutadiene	11.001	225	36681	19.925	ng/u1	98
34) Caprolactam	11.583	113	14711	20.416	ng/u1#	77
35) 4-Chloro-3-methylphenol	11.970	107	44930	18.454	ng/u1	93
36) 2-Methylnaphthalene	12.329	142	83762	18.799	ng/u1	98

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QLast Update : Thu May 30 22:54:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	85524	18.703	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.699	216	65482	20.756	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	29769	20.905	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.946	196	36741	20.676	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	37788	20.193	ng/ul#	93
43) 1,1'-Biphenyl	13.339	154	124236	20.107	ng/ul	98
44) 2-Chloronaphthalene	13.380	162	99347	20.431	ng/ul	97
45) 2-Nitroaniline	13.592	65	38379	19.124	ng/ul	94
47) Dimethylphthalate	13.962	163	144532	18.711	ng/ul	98
48) 2,6-Dinitrotoluene	14.086	165	30275	19.986	ng/ul	93
50) Acenaphthylene	14.232	152	169899	19.885	ng/ul	98
51) 3-Nitroaniline	14.415	138	26206	19.935	ng/ul	97
52) Acenaphthene	14.573	153	112697	20.108	ng/ul	99
53) 2,4-Dinitrophenol	14.644	184	20140	25.072	ng/ul	90
55) 4-Nitrophenol	14.755	109	19703	18.290	ng/ul	93
56) Dibenzofuran	14.908	168	158472	19.775	ng/ul	98
57) 2,4-Dinitrotoluene	14.885	165	44958	19.508	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.143	232	35607	20.862	ng/ul	96
59) Diethylphthalate	15.331	149	142838	18.726	ng/ul	98
61) Fluorene	15.560	166	136949	19.751	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.548	204	77993	19.180	ng/ul	91
63) 4-Nitroaniline	15.578	138	27683	20.219	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.654	198	29543	19.255	ng/ul	92
67) N-Nitrosodiphenylamine	15.766	169	120807	19.856	ng/ul	97
68) 4-Bromophenyl-phenylether	16.447	248	58234	20.304	ng/ul	92
69) Hexachlorobenzene	16.571	284	63293	19.854	ng/ul	98
70) Atrazine	16.718	200	47740	19.828	ng/ul	98
71) Pentachlorophenol	16.923	266	26018	23.449	ng/ul	94
72) Phenanthrene	17.299	178	231134	19.673	ng/ul	99
74) Anthracene	17.393	178	238970	19.672	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	66375	20.744	ng/uL	95
76) Pentachlorobenzene	14.832	250	69586	19.670	ng/uL	93
77) Carbazole	17.664	167	198921	20.133	ng/ul	98
78) Di-n-butylphthalate	18.222	149	246909	19.944	ng/ul	99
80) Fluoranthene	19.315	202	306593	19.522	ng/ul	99
82) Pyrene	19.679	202	313076	19.205	ng/ul	99
83) Butylbenzylphthalate	20.572	149	110242	19.686	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.412	252	113611	20.992	ng/ul	96
85) Benzo(a)anthracene	21.494	228	341583	19.416	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.406	149	159416	19.231	ng/ul	99
87) Chrysene	21.553	228	315101	19.452	ng/ul	99
89) Di-n-octyl phthalate	22.564	149	273698	19.119	ng/ul	100
90) Benzo(b)fluoranthene	23.616	252	332913m	19.541	ng/ul	
91) Benzo(k)fluoranthene	23.680	252	327088	18.912	ng/ul	98
93) Benzo(a)pyrene	24.450	252	312060	19.290	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.093	276	380311	19.440	ng/ul	97
95) Dibenzo(a,h)anthracene	28.140	278	312104	19.348	ng/ul	97
96) Benzo(g,h,i)perylene	29.174	276	302146	19.414	ng/ul#	97

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

