

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061318.D
 Acq On : 29 May 2024 4:15
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020499

Quant Time: May 29 04:53:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	25660	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	113133	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.517	164	88508	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	201627	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.514	240	218513	20.000	ng/u1	0.00
88) Perylene-d12	24.599	264	242053	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	3664	7.991	ng/uL	0.00
4) Pyridine-d5	3.747	84	29569	18.127	ng/u1	0.00
7) Phenol-d5	7.061	99	41176	19.540	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	24412	18.431	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	31631	20.283	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	34870	19.407	ng/u1	0.00
21) Nitrobenzene-d5	9.041	128	17817	20.455	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	20498	20.108	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	39953	20.103	ng/u1	0.00
31) 4-Chloroaniline-d4	10.815	131	47355	18.213	ng/u1	0.00
46) Dimethylphthalate-d6	13.923	166	126782	18.469	ng/u1	0.00
49) Acenaphthylene-d8	14.211	160	143421	20.097	ng/u1	0.00
54) 4-Nitrophenol-d4	14.746	143	14335	16.891	ng/u1	0.00
60) Fluorene-d10	15.509	176	112592	18.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	20444	16.765	ng/u1	0.00
73) Anthracene-d10	17.366	188	178404	20.070	ng/u1	0.00
81) Pyrene-d10	19.652	212	211944	18.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	222835	19.149	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	4558	8.282	ng/uL#	89
5) Pyridine	3.764	79	30524	18.919	ng/u1	92
6) Benzaldehyde	7.025	77	24577	22.306	ng/u1	91
8) Phenol	7.090	94	41424	19.294	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.301	93	31764	20.226	ng/u1	88
12) 2-Chlorophenol	7.454	128	34027	20.646	ng/u1	96
13) 2-Methylphenol	8.336	108	32333	19.432	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.406	45	79465	18.736	ng/u1#	95
16) Acetophenone	8.700	105	58145	18.961	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.682	70	28955	17.173	ng/u1#	88
18) 4-Methylphenol	8.659	108	35164	19.074	ng/u1	99
19) Hexachloroethane	8.958	117	14669	20.004	ng/u1	96
22) Nitrobenzene	9.082	77	44958	18.818	ng/u1	99
23) Isophorone	9.605	82	82053	16.884	ng/u1	99
25) 2-Nitrophenol	9.787	139	20968	18.950	ng/u1	96
26) 2,4-Dimethylphenol	9.857	107	39755	18.133	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.086	93	44954	18.454	ng/u1	97
29) 2,4-Dichlorophenol	10.333	162	36941	20.181	ng/u1	92
30) Naphthalene	10.727	128	116450	19.501	ng/u1	99
32) 4-Chloroaniline	10.833	127	47034	18.203	ng/u1	99
33) Hexachlorobutadiene	11.009	225	36493	20.396	ng/u1	97
34) Caprolactam	11.585	113	11419	16.306	ng/u1	93
35) 4-Chloro-3-methylphenol	11.978	107	40701	17.201	ng/u1	93
36) 2-Methylnaphthalene	12.337	142	80659	18.626	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	83021	18.681	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.707	216	64087	21.931	ng/ul	99
40) Hexachlorocyclopentadiene	12.683	237	23440	17.772	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.954	196	34702	21.083	ng/ul	98
42) 2,4,5-Trichlorophenol	13.036	196	36689	21.167	ng/ul	92
43) 1,1'-Biphenyl	13.347	154	116725	20.395	ng/ul	98
44) 2-Chloronaphthalene	13.388	162	92650	20.571	ng/ul	96
45) 2-Nitroaniline	13.594	65	34088	18.338	ng/ul	93
47) Dimethylphthalate	13.970	163	128883	18.014	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	26723	19.046	ng/ul	95
50) Acenaphthylene	14.240	152	154930	19.577	ng/ul	100
51) 3-Nitroaniline	14.422	138	23370	19.193	ng/ul	94
52) Acenaphthene	14.581	153	104661	20.161	ng/ul	98
53) 2,4-Dinitrophenol	14.646	184	13398m	18.008	ng/ul	
55) 4-Nitrophenol	14.757	109	16177	16.213	ng/ul	94
56) Dibenzofuran	14.916	168	143980	19.398	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	37408	17.524	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	29583	18.713	ng/ul#	99
59) Diethylphthalate	15.333	149	123705	17.509	ng/ul	99
61) Fluorene	15.568	166	120565	18.773	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.556	204	71632	19.018	ng/ul	95
63) 4-Nitroaniline	15.586	138	23332	18.398	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.656	198	22154	17.335	ng/ul#	91
67) N-Nitrosodiphenylamine	15.774	169	106430	21.002	ng/ul	96
68) 4-Bromophenyl-phenylether	16.450	248	48685	20.379	ng/ul	99
69) Hexachlorobenzene	16.573	284	54374	20.476	ng/ul	96
70) Atrazine	16.726	200	37179	18.538	ng/ul	97
71) Pentachlorophenol	16.925	266	21496m	23.258	ng/ul	
72) Phenanthrene	17.307	178	193026	19.724	ng/ul	98
74) Anthracene	17.395	178	200512	19.817	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.318	216	63780	23.931	ng/uL	98
76) Pentachlorobenzene	14.840	250	66562	22.589	ng/uL	97
77) Carbazole	17.666	167	163155	19.824	ng/ul	99
78) Di-n-butylphthalate	18.230	149	199209	19.318	ng/ul	100
80) Fluoranthene	19.323	202	251843	18.711	ng/ul	100
82) Pyrene	19.681	202	261899	18.746	ng/ul	99
83) Butylbenzylphthalate	20.574	149	92563	19.286	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.414	252	99043	21.354	ng/ul	95
85) Benzo(a)anthracene	21.497	228	287326	19.057	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	134933	18.993	ng/ul	97
87) Chrysene	21.561	228	270072	19.453	ng/ul	97
89) Di-n-octyl phthalate	22.572	149	233149	19.253	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	277313	19.242	ng/ul	98
91) Benzo(k)fluoranthene	23.688	252	284321	19.434	ng/ul	98
93) Benzo(a)pyrene	24.452	252	265830	19.425	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.095	276	322477	19.486	ng/ul	98
95) Dibenzo(a,h)anthracene	28.148	278	269421	19.744	ng/ul	96
96) Benzo(g,h,i)perylene	29.188	276	253124m	19.226	ng/ul	

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

