

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061344.D
 Acq On : 30 May 2024 2:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020502

Quant Time: May 30 03:21:07 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 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	34091	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	143315	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.516	164	111743	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	255164	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	271667	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	306068	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	5140	8.438	ng/uL	0.00
4) Pyridine-d5	3.746	84	39303	18.135	ng/u1	0.00
7) Phenol-d5	7.066	99	51055	18.237	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	30777	17.490	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	39818	19.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	42965	17.998	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	21636	19.608	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	24863	19.253	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.303	165	49178	19.534	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.809	131	59615	18.100	ng/u1	-0.01
46) Dimethylphthalate-d6	13.923	166	153274	17.686	ng/u1	0.00
49) Acenaphthylene-d8	14.211	160	174798	19.400	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	17625m	16.449	ng/u1	0.00
60) Fluorene-d10	15.509	176	138558	18.518	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	25344	16.422	ng/u1	0.00
73) Anthracene-d10	17.366	188	217566	19.340	ng/u1	0.00
81) Pyrene-d10	19.651	212	264842	18.987	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	280788	19.082	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	5642m	7.717	ng/uL	
5) Pyridine	3.764	79	38222	17.832	ng/u1	93
6) Benzaldehyde	7.019	77	30093	20.557	ng/u1	91
8) Phenol	7.090	94	53791	18.858	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.307	93	39500	18.932	ng/u1	91
12) 2-Chlorophenol	7.448	128	41167	18.801	ng/u1	97
13) 2-Methylphenol	8.335	108	40287	18.224	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.406	45	99135	17.593	ng/u1	96
16) Acetophenone	8.699	105	72490	17.793	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.682	70	36475	16.283	ng/u1#	93
18) 4-Methylphenol	8.664	108	44948	18.351	ng/u1	93
19) Hexachloroethane	8.958	117	18075	18.553	ng/u1	90
22) Nitrobenzene	9.081	77	57265	18.922	ng/u1	96
23) Isophorone	9.604	82	102396	16.633	ng/u1	98
25) 2-Nitrophenol	9.792	139	26350	18.799	ng/u1	96
26) 2,4-Dimethylphenol	9.857	107	49601	17.859	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.080	93	56550	18.325	ng/u1#	96
29) 2,4-Dichlorophenol	10.333	162	46265	19.952	ng/u1	99
30) Naphthalene	10.726	128	147908	19.553	ng/u1	98
32) 4-Chloroaniline	10.838	127	60113	18.366	ng/u1	96
33) Hexachlorobutadiene	11.008	225	44917	19.818	ng/u1	97
34) Caprolactam	11.590	113	13260m	14.947	ng/u1	
35) 4-Chloro-3-methylphenol	11.978	107	52145	17.396	ng/u1	96
36) 2-Methylnaphthalene	12.336	142	102462	18.678	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	103486	18.382	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.706	216	78456	21.266	ng/ul	98
40) Hexachlorocyclopentadiene	12.683	237	29390	17.649	ng/ul	89
41) 2,4,6-Trichlorophenol	12.953	196	42727	20.561	ng/ul	93
42) 2,4,5-Trichlorophenol	13.036	196	45571	20.824	ng/ul#	92
43) 1,1'-Biphenyl	13.347	154	146993	20.343	ng/ul	99
44) 2-Chloronaphthalene	13.388	162	117667	20.693	ng/ul	98
45) 2-Nitroaniline	13.594	65	43135	18.380	ng/ul	98
47) Dimethylphthalate	13.970	163	157718	17.460	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	32811	18.523	ng/ul	97
50) Acenaphthylene	14.234	152	193522	19.369	ng/ul	99
51) 3-Nitroaniline	14.422	138	30108	19.585	ng/ul	91
52) Acenaphthene	14.581	153	127395	19.437	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	19243	20.486	ng/ul	90
55) 4-Nitrophenol	14.757	109	20596	16.349	ng/ul	97
56) Dibenzofuran	14.916	168	176484	18.833	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	46770	17.354	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.151	232	35893	17.984	ng/ul	96
59) Diethylphthalate	15.333	149	152739	17.123	ng/ul	99
61) Fluorene	15.568	166	149789	18.474	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.556	204	89349	18.790	ng/ul	97
63) 4-Nitroaniline	15.591	138	28951	18.082	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.656	198	25894	16.010	ng/ul#	98
67) N-Nitrosodiphenylamine	15.773	169	129663	20.218	ng/ul	97
68) 4-Bromophenyl-phenylether	16.449	248	60430	19.988	ng/ul	97
69) Hexachlorobenzene	16.573	284	68303	20.325	ng/ul	100
70) Atrazine	16.725	200	47958	18.895	ng/ul#	97
71) Pentachlorophenol	16.925	266	23365	19.976	ng/ul	92
72) Phenanthrene	17.307	178	240033	19.382	ng/ul	98
74) Anthracene	17.395	178	247497	19.328	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.318	216	78565	23.293	ng/uL	95
76) Pentachlorobenzene	14.839	250	79133	21.220	ng/uL	98
77) Carbazole	17.671	167	202263	19.420	ng/ul	98
78) Di-n-butylphthalate	18.229	149	249140	19.091	ng/ul	99
80) Fluoranthene	19.322	202	309924	18.521	ng/ul	99
82) Pyrene	19.681	202	326125	18.776	ng/ul	99
83) Butylbenzylphthalate	20.574	149	114774	19.235	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.414	252	120528	20.902	ng/ul	98
85) Benzo(a)anthracene	21.496	228	355465	18.963	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	167076	18.916	ng/ul	100
87) Chrysene	21.561	228	331776	19.222	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	290758	18.988	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	342671	18.804	ng/ul	98
91) Benzo(k)fluoranthene	23.688	252	359486	19.432	ng/ul	97
93) Benzo(a)pyrene	24.457	252	331086	19.133	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.100	276	391771m	18.722	ng/ul	
95) Dibenzo(a,h)anthracene	28.147	278	315029	18.258	ng/ul	98
96) Benzo(g,h,i)perylene	29.193	276	285616m	17.157	ng/ul	

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

