

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
 Data File : BG052467.D
 Acq On : 23 Feb 2022 17:01
 Operator : CG/JU
 Sample : N1621-03MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GBD34MSD

Quant Time: Feb 24 00:09:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :mohammad ahmed 02/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26017	20.000	ng/u1	0.00
20) Naphthalene-d8	11.059	136	113001	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.866	164	83998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	202031	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.933	240	194559	20.000	ng/u1	# 0.00
88) Perylene-d12	25.393	264	199808	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	1436	2.165	ng/uL	0.00
4) Pyridine-d5	3.980	84	9884	4.940	ng/u1	0.00
7) Phenol-d5	7.370	99	14763	5.984	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	43278	30.018	ng/u1	0.00
11) 2-Chlorophenol-d4	7.752	132	39518	22.806	ng/u1	0.00
15) 4-Methylphenol-d8	8.933	113	28153	14.667	ng/u1	0.00
21) Nitrobenzene-d5	9.397	128	28194	29.267	ng/u1	0.00
24) 2-Nitrophenol-d4	10.125	143	30117	28.542	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	54499	27.697	ng/u1	0.00
31) 4-Chloroaniline-d4	11.188	131	66958	24.555	ng/u1	0.00
46) Dimethylphthalate-d6	14.255	166	235332	34.463	ng/u1	0.00
49) Acenaphthylene-d8	14.566	160	259390	30.771	ng/u1	0.00
54) 4-Nitrophenol-d4	15.060	143	8177	7.533	ng/u1	0.00
60) Fluorene-d10	15.858	176	199862	33.318	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	47225	36.865	ng/u1	0.00
73) Anthracene-d10	17.715	188	353009	36.168	ng/u1	0.00
81) Pyrene-d10	20.000	212	437003	38.386	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.158	264	415573	38.768	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	3566	4.621	ng/uL#	1
5) Pyridine	4.004	79	14214	7.036	ng/u1	88
6) Benzaldehyde	7.341	77	45185m	32.252	ng/u1	
8) Phenol	7.393	94	20279	8.127	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.623	93	55193	29.905	ng/u1	94
12) 2-Chlorophenol	7.787	128	41779	23.143	ng/u1	92
13) 2-Methylphenol	8.662	108	33160	17.556	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.750	45	74400	29.454	ng/u1	95
16) Acetophenone	9.050	105	91960	31.095	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.027	70	52386	30.089	ng/u1	97
18) 4-Methylphenol	8.991	108	30316	15.092	ng/u1	97
19) Hexachloroethane	9.326	117	20428	28.942	ng/u1#	81
22) Nitrobenzene	9.438	77	73094	29.598	ng/u1	96
23) Isophorone	9.961	82	143665	30.155	ng/u1	95
25) 2-Nitrophenol	10.160	139	32844	29.620	ng/u1	96
26) 2,4-Dimethylphenol	10.213	107	53372	23.402	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.442	93	76981	29.855	ng/u1	98
29) 2,4-Dichlorophenol	10.707	162	51942	27.903	ng/u1	94
30) Naphthalene	11.112	128	182831	29.082	ng/u1	97
32) 4-Chloroaniline	11.212	127	66928	23.926	ng/u1	96
33) Hexachlorobutadiene	11.394	225	42115	28.673	ng/u1	97
34) Caprolactam	11.964	113	3683m	5.318	ng/u1	
35) 4-Chloro-3-methylphenol	12.322	107	55363	26.628	ng/u1	96
36) 2-Methylnaphthalene	12.704	142	134787	29.921	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.927	142	137987	30.100	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.074	216	86702	29.411	ng/ul	96
40) Hexachlorocyclopentadiene	13.050	237	31706	22.218	ng/ul	98
41) 2,4,6-Trichlorophenol	13.309	196	53867	30.469	ng/ul	96
42) 2,4,5-Trichlorophenol	13.385	196	58470	31.028	ng/ul	97
43) 1,1'-Biphenyl	13.703	154	196716	29.453	ng/ul#	95
44) 2-Chloronaphthalene	13.750	162	150476	29.625	ng/ul	96
45) 2-Nitroaniline	13.943	65	57820	34.854	ng/ul	95
47) Dimethylphthalate	14.308	163	238176	35.682	ng/ul	99
48) 2,6-Dinitrotoluene	14.431	165	52159	35.683	ng/ul	86
50) Acenaphthylene	14.590	152	258157	30.646	ng/ul	96
51) 3-Nitroaniline	14.760	138	47086	39.555	ng/ul	96
52) Acenaphthene	14.930	153	170321	30.744	ng/ul	96
53) 2,4-Dinitrophenol	14.971	184	24092	33.331	ng/ul	84
55) 4-Nitrophenol	15.071	109	8465	8.041	ng/ul	86
56) Dibenzofuran	15.265	168	255999	32.145	ng/ul	98
57) 2,4-Dinitrotoluene	15.218	165	78395	37.025	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.494	232	56440	33.047	ng/ul#	89
59) Diethylphthalate	15.665	149	245871	36.439	ng/ul	95
61) Fluorene	15.911	166	222700	33.243	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.894	204	122743	33.667	ng/ul	95
63) 4-Nitroaniline	15.923	138	52834m	46.226	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.988	198	44935	36.194	ng/ul#	93
67) N-Nitrosodiphenylamine	16.111	169	204001	35.838	ng/ul	95
68) 4-Bromophenyl-phenylether	16.792	248	88870	36.650	ng/ul#	88
69) Hexachlorobenzene	16.928	284	101395	36.442	ng/ul#	85
70) Atrazine	17.051	200	82620	32.933	ng/ul	95
71) Pentachlorophenol	17.274	266	44228m	35.293	ng/ul	
72) Phenanthrene	17.662	178	398470	36.620	ng/ul	98
74) Anthracene	17.750	178	391634	35.760	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.673	216	91868	28.745	ng/uL	97
76) Pentachlorobenzene	15.189	250	101793	33.361	ng/uL	98
77) Carbazole	18.014	167	370915	38.132	ng/ul	98
78) Di-n-butylphthalate	18.555	149	444094	38.389	ng/ul	100
80) Fluoranthene	19.665	202	515213	38.331	ng/ul#	90
82) Pyrene	20.023	202	498139	37.321	ng/ul#	91
83) Butylbenzylphthalate	20.893	149	187160	38.788	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.815	252	170690	39.716	ng/ul#	94
85) Benzo(a)anthracene	21.909	228	504277	38.251	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.786	149	265669	39.280	ng/ul#	96
87) Chrysene	21.985	228	474373	37.533	ng/ul	99
89) Di-n-octyl phthalate	23.078	149	447802	38.757	ng/ul	100
90) Benzo(b)fluoranthene	24.288	252	538608	38.663	ng/ul#	96
91) Benzo(k)fluoranthene	24.359	252	484008	37.668	ng/ul#	97
93) Benzo(a)pyrene	25.240	252	502347	38.332	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.393	276	581466	39.019	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.464	278	486096	38.212	ng/ul#	95
96) Benzo(g,h,i)perylene	30.650	276	488670	39.056	ng/ul#	91

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

