

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052860.D
 Acq On : 26 Mar 2022 12:10
 Operator : CG/JU
 Sample : N2068-03MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAZ46MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 00:58:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	29447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.954	136	140924	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.760	164	111461	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	265499	20.000	ng/u1	0.00
79) Chrysene-d12	21.792	240	277040	20.000	ng/u1	# 0.00
88) Perylene-d12	25.111	264	290795	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	3037	3.643	ng/uL	0.00
4) Pyridine-d5	3.975	84	15942	7.660	ng/u1	0.00
7) Phenol-d5	7.282	99	23699	8.986	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	57682	35.809	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	47667	26.617	ng/u1	0.00
15) 4-Methylphenol-d8	8.833	113	38489	20.146	ng/u1	0.00
21) Nitrobenzene-d5	9.303	128	34783	34.288	ng/u1	0.00
24) 2-Nitrophenol-d4	10.026	143	38215	35.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	73609	31.623	ng/u1	0.00
31) 4-Chloroaniline-d4	11.077	131	74721	24.288	ng/u1	0.00
46) Dimethylphthalate-d6	14.161	166	310268	36.234	ng/u1	0.00
49) Acenaphthylene-d8	14.455	160	345311	33.186	ng/u1	0.00
54) 4-Nitrophenol-d4	14.931	143	14670m	10.190	ng/u1	0.00
60) Fluorene-d10	15.753	176	264008	35.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	54393	40.258	ng/u1	0.00
73) Anthracene-d10	17.604	188	440619	35.639	ng/u1	0.00
81) Pyrene-d10	19.889	212	553391	35.707	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.882	264	585581	38.973	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	4728m	4.629	ng/uL	
5) Pyridine	3.999	79	16066	7.144	ng/u1	89
6) Benzaldehyde	7.271	77	67129m	38.286	ng/u1	
8) Phenol	7.312	94	23639	9.300	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.547	93	70679	36.858	ng/u1	99
12) 2-Chlorophenol	7.699	128	50098	27.380	ng/u1#	91
13) 2-Methylphenol	8.569	108	43984	22.264	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.663	45	116501	37.377	ng/u1	96
16) Acetophenone	8.957	105	120485	40.424	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.939	70	72888	41.948	ng/u1	96
18) 4-Methylphenol	8.904	108	41291	20.061	ng/u1	93
19) Hexachloroethane	9.233	117	24244	29.863	ng/u1	95
22) Nitrobenzene	9.338	77	106122	35.802	ng/u1	96
23) Isophorone	9.867	82	203508	35.920	ng/u1	97
25) 2-Nitrophenol	10.061	139	39590	35.682	ng/u1#	94
26) 2,4-Dimethylphenol	10.108	107	69945	25.441	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.349	93	108928	34.573	ng/u1	98
29) 2,4-Dichlorophenol	10.596	162	68775	30.389	ng/u1	98
30) Naphthalene	11.001	128	232840	31.927	ng/u1	98
32) 4-Chloroaniline	11.101	127	76138	25.186	ng/u1	97
33) Hexachlorobutadiene	11.295	225	55677	30.123	ng/u1	96
34) Caprolactam	11.859	113	4216m	6.185	ng/u1	
35) 4-Chloro-3-methylphenol	12.211	107	80886	32.948	ng/u1	94
36) 2-Methylnaphthalene	12.599	142	180794	35.128	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	182959	35.114	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.963	216	120484	32.703	ng/ul	99
40) Hexachlorocyclopentadiene	12.951	237	61198	23.994	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	78681	34.950	ng/ul	96
42) 2,4,5-Trichlorophenol	13.268	196	84146	34.612	ng/ul	97
43) 1,1'-Biphenyl	13.597	154	258868	32.501	ng/ul	99
44) 2-Chloronaphthalene	13.644	162	205231	32.179	ng/ul	96
45) 2-Nitroaniline	13.832	65	84106	44.987	ng/ul	91
47) Dimethylphthalate	14.208	163	305766	37.418	ng/ul	99
48) 2,6-Dinitrotoluene	14.326	165	66640	45.018	ng/ul	92
50) Acenaphthylene	14.484	152	340063	33.840	ng/ul	98
51) 3-Nitroaniline	14.655	138	58136	38.909	ng/ul	97
52) Acenaphthene	14.825	153	229798	35.003	ng/ul	100
53) 2,4-Dinitrophenol	14.854	184	37985	41.305	ng/ul#	67
55) 4-Nitrophenol	14.948	109	14571	9.617	ng/ul	92
56) Dibenzofuran	15.160	168	349430	35.903	ng/ul	100
57) 2,4-Dinitrotoluene	15.107	165	95989	45.702	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.383	232	88847	40.544	ng/ul#	96
59) Diethylphthalate	15.565	149	334880	40.464	ng/ul	98
61) Fluorene	15.806	166	289944	35.940	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.794	204	158201	36.852	ng/ul	96
63) 4-Nitroaniline	15.812	138	62329	42.420	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.877	198	58913	44.564	ng/ul	97
67) N-Nitrosodiphenylamine	16.006	169	265637	37.005	ng/ul	96
68) 4-Bromophenyl-phenylether	16.687	248	114630	43.605	ng/ul	95
69) Hexachlorobenzene	16.817	284	134183	39.515	ng/ul	95
70) Atrazine	16.952	200	118020	40.117	ng/ul	98
71) Pentachlorophenol	17.151	266	82409	39.908	ng/ul#	89
72) Phenanthrene	17.551	178	531462	38.140	ng/ul	100
74) Anthracene	17.639	178	522091	37.477	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.568	216	127981	32.365	ng/ul	98
76) Pentachlorobenzene	15.084	250	144629	38.123	ng/ul	97
77) Carbazole	17.903	167	486974	39.554	ng/ul	97
78) Di-n-butylphthalate	18.455	149	586286	40.045	ng/ul	99
80) Fluoranthene	19.554	202	685452	37.531	ng/ul	98
82) Pyrene	19.918	202	668324	36.816	ng/ul	96
83) Butylbenzylphthalate	20.793	149	260027	41.199	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.681	252	155705	25.076	ng/ul	96
85) Benzo(a)anthracene	21.775	228	691668	38.683	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.675	149	366184	41.889	ng/ul	99
87) Chrysene	21.845	228	653325	38.307	ng/ul	98
89) Di-n-octyl phthalate	22.920	149	631325	41.682	ng/ul	100
90) Benzo(b)fluoranthene	24.060	252	740665	39.445	ng/ul	98
91) Benzo(k)fluoranthene	24.124	252	696166	40.172	ng/ul	95
93) Benzo(a)pyrene	24.958	252	688749	38.851	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.906	276	825071	41.152	ng/ul	100
95) Dibenzo(a,h)anthracene	28.977	278	699301	41.037	ng/ul	99
96) Benzo(g,h,i)perylene	30.099	276	690620	40.749	ng/ul	98

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

