

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
 Data File : BG052466.D
 Acq On : 23 Feb 2022 16:22
 Operator : CG/JU
 Sample : N1621-02MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GBD34MS

Quant Time: Feb 24 00:08:46 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	25147	20.000	ng/u1	0.00
20) Naphthalene-d8	11.060	136	105344	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.866	164	77971	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.616	188	189720	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.933	240	188585	20.000	ng/u1	# 0.00
88) Perylene-d12	25.399	264	197376	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	1284	2.003	ng/uL	0.00
4) Pyridine-d5	3.981	84	9507	4.916	ng/u1	0.00
7) Phenol-d5	7.371	99	13579	5.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	38814	27.853	ng/u1	0.00
11) 2-Chlorophenol-d4	7.752	132	35123	20.971	ng/u1	0.00
15) 4-Methylphenol-d8	8.933	113	25519	13.755	ng/u1	0.00
21) Nitrobenzene-d5	9.391	128	25566	28.468	ng/u1	0.00
24) 2-Nitrophenol-d4	10.126	143	26809	27.254	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	49101	26.767	ng/u1	0.00
31) 4-Chloroaniline-d4	11.189	131	60747	23.897	ng/u1	0.00
46) Dimethylphthalate-d6	14.255	166	210500	33.210	ng/u1	0.00
49) Acenaphthylene-d8	14.561	160	232352	29.694	ng/u1	0.00
54) 4-Nitrophenol-d4	15.054	143	7209	7.154	ng/u1	0.00
60) Fluorene-d10	15.859	176	181260	32.552	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	40472	33.644	ng/u1	0.00
73) Anthracene-d10	17.715	188	320660	34.986	ng/u1	0.00
81) Pyrene-d10	19.995	212	405038	36.705	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.158	264	387382	36.583	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	3399	4.557	ng/uL#	1
5) Pyridine	4.005	79	12326m	6.313	ng/u1	
6) Benzaldehyde	7.347	77	41830	30.891	ng/u1	90
8) Phenol	7.400	94	18408	7.633	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.623	93	51200	28.701	ng/u1	93
12) 2-Chlorophenol	7.782	128	38374	21.992	ng/u1	93
13) 2-Methylphenol	8.663	108	30737	16.836	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.751	45	69934	28.644	ng/u1	98
16) Acetophenone	9.051	105	83129	29.082	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.027	70	46724	27.765	ng/u1	97
18) 4-Methylphenol	8.998	108	27839	14.339	ng/u1	86
19) Hexachloroethane	9.327	117	18256	26.759	ng/u1#	83
22) Nitrobenzene	9.438	77	69234	30.073	ng/u1	97
23) Isophorone	9.961	82	132124	29.749	ng/u1	97
25) 2-Nitrophenol	10.161	139	30137	29.154	ng/u1	97
26) 2,4-Dimethylphenol	10.208	107	49832	23.438	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.443	93	71119	29.586	ng/u1	98
29) 2,4-Dichlorophenol	10.701	162	44888	25.867	ng/u1	97
30) Naphthalene	11.113	128	163304	27.864	ng/u1	98
32) 4-Chloroaniline	11.213	127	59975	22.998	ng/u1	100
33) Hexachlorobutadiene	11.400	225	39011	28.490	ng/u1	95
34) Caprolactam	11.970	113	3539	5.482	ng/u1#	50
35) 4-Chloro-3-methylphenol	12.323	107	50404	26.005	ng/u1	94
36) 2-Methylnaphthalene	12.705	142	122393	29.145	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.922	142	127524	29.839	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.075	216	78943	28.849	ng/ul	97
40) Hexachlorocyclopentadiene	13.051	237	27784	20.974	ng/ul	99
41) 2,4,6-Trichlorophenol	13.310	196	48427	29.509	ng/ul	94
42) 2,4,5-Trichlorophenol	13.386	196	52517	30.024	ng/ul	98
43) 1,1'-Biphenyl	13.703	154	177775	28.675	ng/ul#	94
44) 2-Chloronaphthalene	13.750	162	137529	29.169	ng/ul	99
45) 2-Nitroaniline	13.944	65	51445	33.408	ng/ul	89
47) Dimethylphthalate	14.302	163	212063	34.226	ng/ul	98
48) 2,6-Dinitrotoluene	14.432	165	46789	34.484	ng/ul#	89
50) Acenaphthylene	14.590	152	229630	29.367	ng/ul	97
51) 3-Nitroaniline	14.761	138	41915	37.932	ng/ul	96
52) Acenaphthene	14.931	153	154036	29.954	ng/ul	94
53) 2,4-Dinitrophenol	14.972	184	21090	31.433	ng/ul	87
55) 4-Nitrophenol	15.072	109	7401	7.573	ng/ul#	83
56) Dibenzofuran	15.266	168	228021	30.845	ng/ul	99
57) 2,4-Dinitrotoluene	15.219	165	69273	35.246	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.489	232	52581	33.167	ng/ul#	88
59) Diethylphthalate	15.659	149	223127	35.624	ng/ul	98
61) Fluorene	15.912	166	198866	31.980	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.894	204	110518	32.657	ng/ul	93
63) 4-Nitroaniline	15.924	138	46240	43.584	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.988	198	38437	32.969	ng/ul#	87
67) N-Nitrosodiphenylamine	16.112	169	184212	34.462	ng/ul	95
68) 4-Bromophenyl-phenylether	16.793	248	78484	34.467	ng/ul#	86
69) Hexachlorobenzene	16.928	284	93083	35.626	ng/ul#	90
70) Atrazine	17.052	200	76284	32.381	ng/ul	98
71) Pentachlorophenol	17.269	266	37645	31.989	ng/ul	97
72) Phenanthrene	17.657	178	360444	35.275	ng/ul	98
74) Anthracene	17.751	178	352036	34.231	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.674	216	81960	27.309	ng/uL	98
76) Pentachlorobenzene	15.189	250	92438	32.261	ng/uL	99
77) Carbazole	18.015	167	332514	36.402	ng/ul	98
78) Di-n-butylphthalate	18.555	149	398914	36.721	ng/ul	99
80) Fluoranthene	19.660	202	469747	36.056	ng/ul#	92
82) Pyrene	20.024	202	463410	35.819	ng/ul#	90
83) Butylbenzylphthalate	20.894	149	168947	36.123	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.810	252	159315	38.243	ng/ul#	95
85) Benzo(a)anthracene	21.916	228	466066	36.473	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.786	149	250085	38.147	ng/ul#	98
87) Chrysene	21.980	228	445712	36.382	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	413411	36.222	ng/ul	100
90) Benzo(b)fluoranthene	24.289	252	496862	36.106	ng/ul#	95
91) Benzo(k)fluoranthene	24.359	252	460881	36.310	ng/ul#	96
93) Benzo(a)pyrene	25.235	252	466704	36.051	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.388	276	546090	37.096	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.458	278	461043	36.689	ng/ul#	96
96) Benzo(g,h,i)perylene	30.639	276	457897	37.048	ng/ul#	89

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

