

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
 Data File : BG052463.D
 Acq On : 23 Feb 2022 14:25
 Operator : CG/JU
 Sample : N1622-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GBD34MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
 Supervised By :Yogesh Patel 02/24/2022

Quant Time: Feb 23 16:19:40 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26264	20.000	ng/u1	0.00
20) Naphthalene-d8	11.059	136	113319	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.866	164	82747	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.621	188	203324	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.932	240	198166	20.000	ng/u1	# 0.00
88) Perylene-d12	25.404	264	207946	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	3556	5.311	ng/uL	0.00
4) Pyridine-d5	3.974	84	53039	26.259	ng/u1	0.00
7) Phenol-d5	7.370	99	78566	31.547	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.528	67	46558	31.989	ng/u1	0.00
11) 2-Chlorophenol-d4	7.752	132	56971	32.569	ng/u1	0.00
15) 4-Methylphenol-d8	8.932	113	63742	32.895	ng/u1	0.00
21) Nitrobenzene-d5	9.396	128	30032	31.088	ng/u1	0.00
24) 2-Nitrophenol-d4	10.131	143	35329	33.388	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	67743	34.331	ng/u1	0.00
31) 4-Chloroaniline-d4	11.188	131	79448	29.054	ng/u1	0.00
46) Dimethylphthalate-d6	14.260	166	223953	33.293	ng/u1	0.00
49) Acenaphthylene-d8	14.566	160	272281	32.789	ng/u1	0.00
54) 4-Nitrophenol-d4	15.059	143	34631	32.385	ng/u1	0.00
60) Fluorene-d10	15.858	176	195813	33.136	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	41041	31.834	ng/u1	0.00
73) Anthracene-d10	17.720	188	315730	32.143	ng/u1	0.00
81) Pyrene-d10	20.000	212	387890	33.451	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.163	264	376028	33.706	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.581	88	11639	14.942	ng/uL	100
5) Pyridine	3.992	79	76178	37.356	ng/u1	94
6) Benzaldehyde	7.346	77	59705	42.216	ng/u1	93
8) Phenol	7.399	94	107967	42.863	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.622	93	76930	41.291	ng/u1	93
12) 2-Chlorophenol	7.787	128	76071	41.742	ng/u1	88
13) 2-Methylphenol	8.662	108	78790	41.322	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.744	45	102336	40.133	ng/u1	97
16) Acetophenone	9.050	105	124177	41.594	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.032	70	72500	41.250	ng/u1	98
18) 4-Methylphenol	8.997	108	85424	42.127	ng/u1	100
19) Hexachloroethane	9.326	117	29727	41.720	ng/u1	87
22) Nitrobenzene	9.438	77	101499	40.985	ng/u1#	95
23) Isophorone	9.966	82	203172	42.526	ng/u1	97
25) 2-Nitrophenol	10.160	139	48515	43.630	ng/u1	98
26) 2,4-Dimethylphenol	10.213	107	96616	42.244	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.442	93	109435	42.322	ng/u1	98
29) 2,4-Dichlorophenol	10.706	162	80178	42.951	ng/u1	98
30) Naphthalene	11.112	128	255281	40.492	ng/u1	99
32) 4-Chloroaniline	11.212	127	96389	34.361	ng/u1	97
33) Hexachlorobutadiene	11.400	225	59706	40.535	ng/u1	98
34) Caprolactam	11.969	113	29036m	41.811	ng/u1	
35) 4-Chloro-3-methylphenol	12.328	107	94342	45.249	ng/u1	90
36) 2-Methylnaphthalene	12.710	142	186038	41.182	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.927	142	189429	41.205	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.074	216	117996	40.632	ng/ul	97
40) Hexachlorocyclopentadiene	13.056	237	53856	38.310	ng/ul	96
41) 2,4,6-Trichlorophenol	13.309	196	73973	42.474	ng/ul	96
42) 2,4,5-Trichlorophenol	13.385	196	79878	43.030	ng/ul	97
43) 1,1'-Biphenyl	13.702	154	263903	40.110	ng/ul#	93
44) 2-Chloronaphthalene	13.749	162	204203	40.811	ng/ul	99
45) 2-Nitroaniline	13.943	65	71862	43.973	ng/ul	94
47) Dimethylphthalate	14.307	163	272958	41.511	ng/ul	99
48) 2,6-Dinitrotoluene	14.431	165	60914	42.302	ng/ul#	85
50) Acenaphthylene	14.595	152	337649	40.689	ng/ul	97
51) 3-Nitroaniline	14.766	138	55130	47.012	ng/ul	97
52) Acenaphthene	14.930	153	220934	40.483	ng/ul	95
53) 2,4-Dinitrophenol	14.971	184	30471	42.794	ng/ul#	83
55) 4-Nitrophenol	15.071	109	43730	42.166	ng/ul	86
56) Dibenzofuran	15.265	168	321139	40.934	ng/ul	98
57) 2,4-Dinitrotoluene	15.218	165	87878	42.131	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.494	232	72683	43.201	ng/ul#	87
59) Diethylphthalate	15.664	149	279804	42.095	ng/ul	97
61) Fluorene	15.911	166	269227	40.796	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.899	204	146319	40.740	ng/ul	93
63) 4-Nitroaniline	15.923	138	60038	53.323	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.988	198	53454	42.782	ng/ul#	93
67) N-Nitrosodiphenylamine	16.111	169	237879	41.524	ng/ul	95
68) 4-Bromophenyl-phenylether	16.792	248	100836	41.320	ng/ul#	87
69) Hexachlorobenzene	16.927	284	114670	40.952	ng/ul#	86
70) Atrazine	17.051	200	93798	37.151	ng/ul	97
71) Pentachlorophenol	17.268	266	54394	43.129	ng/ul	95
72) Phenanthrene	17.662	178	440543	40.229	ng/ul	98
74) Anthracene	17.756	178	439093	39.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.673	216	122617	38.123	ng/uL	98
76) Pentachlorobenzene	15.189	250	127415	41.493	ng/uL	100
77) Carbazole	18.020	167	406541	41.529	ng/ul	97
78) Di-n-butylphthalate	18.561	149	479271	41.166	ng/ul	98
80) Fluoranthene	19.665	202	563754	41.179	ng/ul#	91
82) Pyrene	20.029	202	551122	40.539	ng/ul#	89
83) Butylbenzylphthalate	20.893	149	211163	42.966	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.815	252	186480	42.600	ng/ul#	98
85) Benzo(a)anthracene	21.915	228	558939	41.626	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.786	149	303191	44.012	ng/ul#	98
87) Chrysene	21.985	228	531647	41.299	ng/ul	98
89) Di-n-octyl phthalate	23.078	149	498261	41.437	ng/ul	100
90) Benzo(b)fluoranthene	24.294	252	602526	41.559	ng/ul#	96
91) Benzo(k)fluoranthene	24.364	252	545159	40.766	ng/ul#	97
93) Benzo(a)pyrene	25.240	252	563418	41.309	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.405	276	657894	42.420	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.463	278	555492m	41.958	ng/ul	
96) Benzo(g,h,i)perylene	30.650	276	553306	42.491	ng/ul#	89

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

