

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052861.D
 Acq On : 26 Mar 2022 12:49
 Operator : CG/JU
 Sample : N2068-04MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAZ46MSD

Quant Time: Mar 28 00:58:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	30794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.955	136	147993	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.761	164	119709	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.505	188	281640	20.000	ng/u1	0.00
79) Chrysene-d12	21.793	240	293281	20.000	ng/u1	0.00
88) Perylene-d12	25.112	264	300447	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.553	96	3573	4.098	ng/uL	0.00
4) Pyridine-d5	3.976	84	14763	6.783	ng/u1	0.00
7) Phenol-d5	7.289	99	22395	8.120	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.459	67	57332	34.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.671	132	46120	24.627	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	36751	18.395	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	36354	34.125	ng/u1	0.00
24) 2-Nitrophenol-d4	10.027	143	39055	34.758	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.567	165	69703	28.515	ng/u1	0.00
31) 4-Chloroaniline-d4	11.078	131	74094	22.934	ng/u1	0.00
46) Dimethylphthalate-d6	14.156	166	310510	33.764	ng/u1	0.00
49) Acenaphthylene-d8	14.456	160	335761	30.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.932	143	14633	9.464	ng/u1	0.00
60) Fluorene-d10	15.754	176	262186	32.469	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.860	200	55365	38.629	ng/u1	0.00
73) Anthracene-d10	17.605	188	430677	32.839	ng/u1	0.00
81) Pyrene-d10	19.884	212	543874	33.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.889	264	547786	35.286	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.588	88	4392m	4.112	ng/uL	
5) Pyridine	3.994	79	14308	6.084	ng/u1#	72
6) Benzaldehyde	7.272	77	64794m	35.338	ng/u1	
8) Phenol	7.313	94	22264	8.376	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.548	93	67670	33.745	ng/u1	97
12) 2-Chlorophenol	7.700	128	48213	25.197	ng/u1	94
13) 2-Methylphenol	8.570	108	42657	20.648	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.670	45	109999	33.747	ng/u1	98
16) Acetophenone	8.957	105	120508	38.663	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.940	70	71524	39.363	ng/u1	97
18) 4-Methylphenol	8.899	108	40422	18.780	ng/u1	95
19) Hexachloroethane	9.234	117	25209	29.694	ng/u1	94
22) Nitrobenzene	9.345	77	103071	33.112	ng/u1#	92
23) Isophorone	9.868	82	201602	33.883	ng/u1	99
25) 2-Nitrophenol	10.056	139	39132	33.584	ng/u1	96
26) 2,4-Dimethylphenol	10.109	107	67960	23.538	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.344	93	105217	31.800	ng/u1	97
29) 2,4-Dichlorophenol	10.591	162	67344	28.335	ng/u1	98
30) Naphthalene	11.002	128	230438	30.089	ng/u1	98
32) 4-Chloroaniline	11.102	127	73606	23.186	ng/u1	99
33) Hexachlorobutadiene	11.295	225	55009	28.340	ng/u1	96
34) Caprolactam	11.854	113	4026m	5.624	ng/u1	
35) 4-Chloro-3-methylphenol	12.206	107	79487	30.831	ng/u1	92
36) 2-Methylnaphthalene	12.600	142	178169	32.965	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052861.D
 Acq On : 26 Mar 2022 12:49
 Operator : CG/JU
 Sample : N2068-04MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAZ46MSD

Quant Time: Mar 28 00:58:51 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.817	142	181398	33.152	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.964	216	116542	29.454	ng/ul	98
40) Hexachlorocyclopentadiene	12.952	237	61137	22.319	ng/ul	98
41) 2,4,6-Trichlorophenol	13.199	196	76041	31.450	ng/ul	94
42) 2,4,5-Trichlorophenol	13.263	196	84242	32.264	ng/ul	96
43) 1,1'-Biphenyl	13.598	154	251214	29.367	ng/ul	97
44) 2-Chloronaphthalene	13.645	162	199327	29.100	ng/ul	98
45) 2-Nitroaniline	13.833	65	80524	40.104	ng/ul	98
47) Dimethylphthalate	14.203	163	301829	34.391	ng/ul	98
48) 2,6-Dinitrotoluene	14.327	165	64050	40.288	ng/ul#	95
50) Acenaphthylene	14.485	152	331979	30.759	ng/ul	98
51) 3-Nitroaniline	14.650	138	56315	35.093	ng/ul	97
52) Acenaphthene	14.826	153	223197	31.655	ng/ul	99
53) 2,4-Dinitrophenol	14.855	184	38133	38.609	ng/ul#	64
55) 4-Nitrophenol	14.943	109	13820	8.493	ng/ul	93
56) Dibenzofuran	15.161	168	340243	32.550	ng/ul	99
57) 2,4-Dinitrotoluene	15.108	165	93517	41.457	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.378	232	88296	37.516	ng/ul#	97
59) Diethylphthalate	15.566	149	324299	36.486	ng/ul	98
61) Fluorene	15.807	166	285835	32.990	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.795	204	154925	33.603	ng/ul	98
63) 4-Nitroaniline	15.813	138	60759	38.502	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.872	198	55504	39.579	ng/ul	93
67) N-Nitrosodiphenylamine	16.007	169	263291	34.576	ng/ul	98
68) 4-Bromophenyl-phenylether	16.688	248	115845	41.542	ng/ul	98
69) Hexachlorobenzene	16.817	284	131144	36.406	ng/ul#	94
70) Atrazine	16.953	200	112165	35.941	ng/ul	99
71) Pentachlorophenol	17.152	266	82207	37.528	ng/ul	97
72) Phenanthrene	17.546	178	519240	35.128	ng/ul	98
74) Anthracene	17.640	178	508884	34.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	128562	30.649	ng/uL	98
76) Pentachlorobenzene	15.084	250	141854	35.249	ng/uL	99
77) Carbazole	17.904	167	481045	36.833	ng/ul	98
78) Di-n-butylphthalate	18.456	149	574067	36.964	ng/ul	98
80) Fluoranthene	19.555	202	663328	34.308	ng/ul	100
82) Pyrene	19.919	202	641762	33.395	ng/ul#	95
83) Butylbenzylphthalate	20.794	149	254297	38.060	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.681	252	152545	23.207	ng/ul	95
85) Benzo(a)anthracene	21.775	228	667767	35.278	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.676	149	348252	37.632	ng/ul	99
87) Chrysene	21.846	228	629547	34.869	ng/ul	99
89) Di-n-octyl phthalate	22.921	149	601350	38.427	ng/ul	100
90) Benzo(b)fluoranthene	24.055	252	701908	36.180	ng/ul	99
91) Benzo(k)fluoranthene	24.125	252	655091	36.587	ng/ul#	98
93) Benzo(a)pyrene	24.959	252	654710	35.744	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.907	276	778393	37.577	ng/ul	98
95) Dibenzo(a,h)anthracene	28.972	278	654428	37.170	ng/ul	99
96) Benzo(g,h,i)perylene	30.099	276	652510m	37.263	ng/ul	

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

