

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058983.D
 Acq On : 11 Sep 2023 14:47
 Operator : MA/JU
 Sample : 04195-07MSD
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YBY19MSD

Quant Time: Sep 12 01:16:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.321	152	97617	20.000	ng/u1	0.00
20) Naphthalene-d8	11.170	136	466966	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.948	164	324669	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.698	188	823509	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.028	240	766312	20.000	ng/u1	0.00
88) Perylene-d12	25.589	264	871045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	4146	1.805	ng/uL	0.00
4) Pyridine-d5	4.073	84	7940	1.092	ng/u1	0.00
7) Phenol-d5	7.433	99	134882	13.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.645	67	87403	15.142	ng/u1	0.00
11) 2-Chlorophenol-d4	7.839	132	90192	14.286	ng/u1	0.00
15) 4-Methylphenol-d8	9.008	113	101113	13.295	ng/u1	0.00
21) Nitrobenzene-d5	9.513	128	51597	15.233	ng/u1	0.00
24) 2-Nitrophenol-d4	10.236	143	42281	11.376	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.759	165	112766	14.276	ng/u1	0.00
31) 4-Chloroaniline-d4	11.305	131	33046	3.111	ng/u1	0.00
46) Dimethylphthalate-d6	14.343	166	271143	10.766	ng/u1	0.00
49) Acenaphthylene-d8	14.654	160	427816	15.255	ng/u1	0.00
54) 4-Nitrophenol-d4	15.118	143	38707	9.253	ng/u1	0.00
60) Fluorene-d10	15.935	176	380964	17.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	42386	10.486	ng/u1	0.00
73) Anthracene-d10	17.798	188	610609	16.703	ng/u1	0.00
81) Pyrene-d10	20.066	212	710654	17.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.342	264	659329	15.441	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.679	88	30593	10.338	ng/uL#	86
5) Pyridine	4.090	79	199482	25.694	ng/u1	97
6) Benzaldehyde	7.469	77	161587	26.842	ng/u1	88
8) Phenol	7.463	94	306626	29.292	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.739	93	220907	28.874	ng/u1	95
12) 2-Chlorophenol	7.874	128	195033	29.887	ng/u1	98
13) 2-Methylphenol	8.744	108	220329	27.953	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.844	45	258868m	28.177	ng/u1	
16) Acetophenone	9.167	105	356683	28.289	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.131	70	189357	26.791	ng/u1#	95
18) 4-Methylphenol	9.073	108	248767	28.899	ng/u1	89
19) Hexachloroethane	9.413	117	86094	31.478	ng/u1#	80
22) Nitrobenzene	9.566	77	282650	27.874	ng/u1	95
23) Isophorone	10.071	82	573514	26.626	ng/u1	99
25) 2-Nitrophenol	10.271	139	111789	29.498	ng/u1#	91
26) 2,4-Dimethylphenol	10.295	107	247387	26.340	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.559	93	308013	26.681	ng/u1	97
29) 2,4-Dichlorophenol	10.794	162	210849	28.177	ng/u1	96
30) Naphthalene	11.217	128	674926	27.419	ng/u1	98
32) 4-Chloroaniline	11.335	127	233988	22.944	ng/u1	95
33) Hexachlorobutadiene	11.452	225	156765	26.775	ng/u1	99
34) Caprolactam	12.116	113	83396m	31.403	ng/u1	
35) 4-Chloro-3-methylphenol	12.404	107	259695	28.247	ng/u1	89
36) 2-Methylnaphthalene	12.798	142	464658	25.298	ng/u1	99

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37) 1-Methylnaphthalene	13.015	142	458611	25.314	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.138	216	281242	26.537	ng/ul	95
40) Hexachlorocyclopentadiene	13.097	237	157647	20.216	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.379	196	183263	27.238	ng/ul	96
42) 2,4,5-Trichlorophenol	13.444	196	203242	27.903	ng/ul	89
43) 1,1'-Biphenyl	13.791	154	674986	27.812	ng/ul	98
44) 2-Chloronaphthalene	13.844	162	513950	27.727	ng/ul	97
45) 2-Nitroaniline	14.055	65	175886	30.940	ng/ul#	88
47) Dimethylphthalate	14.396	163	679786	28.548	ng/ul#	99
48) 2,6-Dinitrotoluene	14.537	165	143017	31.574	ng/ul	96
50) Acenaphthylene	14.684	152	829980	27.146	ng/ul	96
51) 3-Nitroaniline	14.872	138	143221	32.948	ng/ul	98
52) Acenaphthene	15.013	153	571053	27.832	ng/ul	97
53) 2,4-Dinitrophenol	15.066	184	87199	29.867	ng/ul	93
55) 4-Nitrophenol	15.130	109	149119	30.212	ng/ul	94
56) Dibenzofuran	15.348	168	842825	28.360	ng/ul	98
57) 2,4-Dinitrotoluene	15.307	165	207332	33.172	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.547	232	199200	28.631	ng/ul#	96
59) Diethylphthalate	15.741	149	677041	28.840	ng/ul#	93
61) Fluorene	15.994	166	691817	28.324	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.976	204	356712	27.600	ng/ul	96
63) 4-Nitroaniline	16.035	138	151335	36.735	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.059	198	124424	28.202	ng/ul#	96
67) N-Nitrosodiphenylamine	16.194	169	604557	27.851	ng/ul	95
68) 4-Bromophenyl-phenylether	16.875	248	246270	27.260	ng/ul	95
69) Hexachlorobenzene	16.963	284	279963	26.995	ng/ul	97
70) Atrazine	17.128	200	178412	21.002	ng/ul	100
71) Pentachlorophenol	17.316	266	170268	26.634	ng/ul	97
72) Phenanthrene	17.745	178	1173164	28.069	ng/ul	99
74) Anthracene	17.833	178	1171563	27.579	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.744	216	30694	2.583	ng/uL#	93
76) Pentachlorobenzene	15.236	250	313396	27.290	ng/uL	96
77) Carbazole	18.109	167	1059613	29.788	ng/ul	98
78) Di-n-butylphthalate	18.620	149	1185940	30.074	ng/ul	99
80) Fluoranthene	19.731	202	1388599	29.457	ng/ul#	96
82) Pyrene	20.095	202	1421332	29.003	ng/ul	96
83) Butylbenzylphthalate	20.959	149	502704	32.461	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.911	252	464088	27.297	ng/ul	91
85) Benzo(a)anthracene	22.005	228	1439244	28.006	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.846	149	733637	31.632	ng/ul	97
87) Chrysene	22.075	228	1357160	28.408	ng/ul	99
89) Di-n-octyl phthalate	23.180	149	1253162	31.275	ng/ul	100
90) Benzo(b)fluoranthene	24.437	252	1526415	29.417	ng/ul	98
91) Benzo(k)fluoranthene	24.513	252	1516688	28.603	ng/ul	97
93) Benzo(a)pyrene	25.424	252	1341434	27.709	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.725	276	1780612m	29.109	ng/ul	
95) Dibenzo(a,h)anthracene	29.813	278	1426288	28.139	ng/ul	96
96) Benzo(g,h,i)perylene	31.047	276	1444615	29.837	ng/ul	97

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

