

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
 Data File : BG059269.D
 Acq On : 3 Oct 2023 17:54
 Operator : MA/JU
 Sample : 04480-19MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJN2MSD

Quant Time: Oct 04 00:13:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	47184	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	228032	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	139223	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	308251	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	286952	20.000	ng/u1	0.00
88) Perylene-d12	25.397	264	318396	20.000	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	5525	4.419	ng/uL	0.00
4) Pyridine-d5	3.969	84	38737	10.619	ng/u1	0.00
7) Phenol-d5	7.359	99	31390	6.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	100199	33.210	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	88736	27.949	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	59196	16.214	ng/u1	0.00
21) Nitrobenzene-d5	9.428	128	63059	39.188	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	64735	40.980	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	116889	36.020	ng/u1	0.00
31) 4-Chloroaniline-d4	11.220	131	148680	28.318	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	449714	44.677	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	534387	42.296	ng/u1	0.00
54) 4-Nitrophenol-d4	15.050	143	16473	9.372	ng/u1	0.00
60) Fluorene-d10	15.855	176	413290	43.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	72376	45.678	ng/u1	0.00
73) Anthracene-d10	17.712	188	628856	44.773	ng/u1	0.00
81) Pyrene-d10	19.986	212	704564	43.845	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.150	264	723032	47.256	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.570	88	7988m	5.438	ng/uL	
5) Pyridine	3.987	79	38101	10.286	ng/u1	96
6) Benzaldehyde	7.377	77	79007	38.092	ng/u1	98
8) Phenol	7.389	94	35392	7.533	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.647	93	136907	35.529	ng/u1	92
12) 2-Chlorophenol	7.783	128	93812	28.025	ng/u1#	92
13) 2-Methylphenol	8.658	108	69405	19.552	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.740	45	291640	34.236	ng/u1	98
16) Acetophenone	9.075	105	203612	36.010	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.034	70	102107	35.600	ng/u1	98
18) 4-Methylphenol	8.993	108	67889	18.050	ng/u1	89
19) Hexachloroethane	9.316	117	41970	31.825	ng/u1#	83
22) Nitrobenzene	9.475	77	149547	37.649	ng/u1	97
23) Isophorone	9.980	82	329662	38.594	ng/u1	98
25) 2-Nitrophenol	10.180	139	68194	39.180	ng/u1#	83
26) 2,4-Dimethylphenol	10.209	107	101876	27.374	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.462	93	201014	37.297	ng/u1	96
29) 2,4-Dichlorophenol	10.703	162	120697	37.417	ng/u1	98
30) Naphthalene	11.126	128	429842	35.157	ng/u1	96
32) 4-Chloroaniline	11.243	127	149624	29.802	ng/u1	100
33) Hexachlorobutadiene	11.355	225	70890	32.837	ng/u1	92
34) Caprolactam	12.030	113	6419	5.751	ng/u1#	72
35) 4-Chloro-3-methylphenol	12.318	107	117308	34.084	ng/u1	89
36) 2-Methylnaphthalene	12.706	142	302225	37.733	ng/u1	97

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37) 1-Methylnaphthalene	12.929	142	300008	36.905	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.053	216	162582	39.006	ng/ul	98
40) Hexachlorocyclopentadiene	13.012	237	77432	30.116	ng/ul	97
41) 2,4,6-Trichlorophenol	13.300	196	109203	42.793	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.370	196	118766	44.353	ng/ul	96
43) 1,1'-Biphenyl	13.705	154	460662	40.970	ng/ul	100
44) 2-Chloronaphthalene	13.758	162	345026	40.756	ng/ul	97
45) 2-Nitroaniline	13.975	65	125789	52.678	ng/ul	99
47) Dimethylphthalate	14.310	163	464980	45.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.457	165	97239	55.453	ng/ul	90
50) Acenaphthylene	14.598	152	580904	43.075	ng/ul	99
51) 3-Nitroaniline	14.798	138	91536	48.356	ng/ul#	88
52) Acenaphthene	14.933	153	398258	43.023	ng/ul	93
53) 2,4-Dinitrophenol	14.986	184	44721	45.879	ng/ul	92
55) 4-Nitrophenol	15.068	109	11403	9.197	ng/ul	85
56) Dibenzofuran	15.262	168	538081	43.853	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	138147	53.206	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.474	232	114861	47.383	ng/ul#	95
59) Diethylphthalate	15.656	149	456973	45.848	ng/ul	97
61) Fluorene	15.908	166	460938	44.739	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.891	204	229781	44.740	ng/ul	97
63) 4-Nitroaniline	15.961	138	93135	53.462	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.985	198	85853	51.388	ng/ul#	83
67) N-Nitrosodiphenylamine	16.114	169	377877	45.988	ng/ul	94
68) 4-Bromophenyl-phenylether	16.790	248	140668	47.105	ng/ul	98
69) Hexachlorobenzene	16.878	284	156847	46.491	ng/ul	96
70) Atrazine	17.048	200	138891	44.454	ng/ul	96
71) Pentachlorophenol	17.236	266	91250	46.996	ng/ul	96
72) Phenanthrene	17.659	178	775744	45.857	ng/ul	99
74) Anthracene	17.747	178	801092	45.862	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.664	216	165151	40.657	ng/uL	97
76) Pentachlorobenzene	15.156	250	170427	42.491	ng/uL	99
77) Carbazole	18.023	167	673564	47.312	ng/ul	98
78) Di-n-butylphthalate	18.529	149	810512	48.027	ng/ul	99
80) Fluoranthene	19.651	202	901617	45.545	ng/ul	98
82) Pyrene	20.015	202	938789	44.772	ng/ul	98
83) Butylbenzylphthalate	20.867	149	359240	48.583	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.807	252	286193	43.066	ng/ul	98
85) Benzo(a)anthracene	21.895	228	927363	45.909	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.725	149	544758	48.517	ng/ul	96
87) Chrysene	21.966	228	851440	44.629	ng/ul	99
89) Di-n-octyl phthalate	23.018	149	919408	49.650	ng/ul	100
90) Benzo(b)fluoranthene	24.269	252	935968	47.995	ng/ul	97
91) Benzo(k)fluoranthene	24.345	252	941941	47.670	ng/ul	98
93) Benzo(a)pyrene	25.227	252	895197	48.390	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.416	276	1013805m	48.411	ng/ul	
95) Dibenzo(a,h)anthracene	29.498	278	839586	49.301	ng/ul	99
96) Benzo(g,h,i)perylene	30.697	276	816598	47.958	ng/ul	96

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

