

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061986.D
 Acq On : 9 Jul 2024 23:29
 Operator : MA/JU
 Sample : P3138-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZF8MSD

Quant Time: Jul 10 00:21:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	35536	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	181434	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	140973	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	335801	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.720	240	299295	20.000	ng/u1	0.00
88) Perylene-d12	24.951	264	359600	20.000	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	3977	4.206	ng/uL	0.00
4) Pyridine-d5	3.905	84	21879	7.525	ng/u1	0.00
7) Phenol-d5	7.248	99	36746	9.449	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.413	67	74419	30.218	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	81402	30.515	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	68928	22.511	ng/u1	0.00
21) Nitrobenzene-d5	9.264	128	51448	37.285	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	63015	39.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	120886	39.773	ng/u1	0.00
31) 4-Chloroaniline-d4	11.038	131	104359	23.650	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	481400	41.536	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	484924	40.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	22265	12.030	ng/u1	0.00
60) Fluorene-d10	15.703	176	414090	42.441	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	92395	52.391	ng/u1	0.00
73) Anthracene-d10	17.560	188	667159	42.554	ng/u1	0.00
81) Pyrene-d10	19.834	212	738598	41.956	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.734	264	798820	44.791	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	5887	5.640	ng/uL	88
5) Pyridine	3.923	79	23756	7.967	ng/u1	93
6) Benzaldehyde	7.231	77	51459	25.002	ng/u1#	84
8) Phenol	7.272	94	44242	11.112	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.507	93	97629	31.919	ng/u1	88
12) 2-Chlorophenol	7.660	128	93510	34.407	ng/u1	97
13) 2-Methylphenol	8.535	108	87810	30.899	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.611	45	207455	31.045	ng/u1#	93
16) Acetophenone	8.917	105	193449	38.247	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.893	70	102297	36.127	ng/u1#	96
18) 4-Methylphenol	8.864	108	84763	26.634	ng/u1	81
19) Hexachloroethane	9.175	117	42803	36.306	ng/u1#	82
22) Nitrobenzene	9.305	77	174618	44.581	ng/u1	99
23) Isophorone	9.822	82	308442	34.856	ng/u1#	96
25) 2-Nitrophenol	10.016	139	70265	43.724	ng/u1#	93
26) 2,4-Dimethylphenol	10.069	107	134067	34.859	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.304	93	167135	34.298	ng/u1	98
29) 2,4-Dichlorophenol	10.550	162	123551	43.274	ng/u1#	87
30) Naphthalene	10.956	128	392526	39.386	ng/u1#	96
32) 4-Chloroaniline	11.061	127	105610	24.391	ng/u1	98
33) Hexachlorobutadiene	11.232	225	88080	40.996	ng/u1	99
34) Caprolactam	11.825	113	6849m	6.123	ng/u1	
35) 4-Chloro-3-methylphenol	12.172	107	179862	47.301	ng/u1	92
36) 2-Methylnaphthalene	12.554	142	302775	41.934	ng/u1	100

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37) 1-Methylnaphthalene	12.771	142	322144	42.934	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.912	216	179845	42.482	ng/ul	98
40) Hexachlorocyclopentadiene	12.889	237	73424	26.054	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.153	196	129367	46.008	ng/ul	97
42) 2,4,5-Trichlorophenol	13.224	196	144186	46.680	ng/ul	86
43) 1,1'-Biphenyl	13.553	154	444584	40.931	ng/ul	98
44) 2-Chloronaphthalene	13.600	162	331708	40.691	ng/ul	97
45) 2-Nitroaniline	13.799	65	169047	51.784	ng/ul	97
47) Dimethylphthalate	14.170	163	503465	45.163	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	110477	52.240	ng/ul	96
50) Acenaphthylene	14.446	152	555092	41.733	ng/ul	99
51) 3-Nitroaniline	14.622	138	62456	30.340	ng/ul	99
52) Acenaphthene	14.781	153	394905	42.997	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	66649	60.323	ng/ul#	81
55) 4-Nitrophenol	14.928	109	32012	15.154	ng/ul	97
56) Dibenzofuran	15.116	168	577302	44.474	ng/ul	94
57) 2,4-Dinitrotoluene	15.074	165	167943	54.150	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.339	232	138115	49.518	ng/ul	97
59) Diethylphthalate	15.521	149	559642	46.587	ng/ul	100
61) Fluorene	15.762	166	506507	45.883	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.750	204	250705	45.213	ng/ul	90
63) 4-Nitroaniline	15.779	138	69770	33.402	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.838	198	110766	58.360	ng/ul#	88
67) N-Nitrosodiphenylamine	15.967	169	446768	48.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.643	248	190182	49.922	ng/ul	100
69) Hexachlorobenzene	16.761	284	224901	51.341	ng/ul	95
70) Atrazine	16.908	200	95065	26.260	ng/ul	98
71) Pentachlorophenol	17.101	266	113762	47.246	ng/ul	94
72) Phenanthrene	17.501	178	830980	46.932	ng/ul	99
74) Anthracene	17.595	178	826547	45.171	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.517	216	197999	47.474	ng/ul	94
76) Pentachlorobenzene	15.027	250	215857	45.378	ng/ul	97
77) Carbazole	17.859	167	750398	48.729	ng/ul	99
78) Di-n-butylphthalate	18.406	149	919964	46.531	ng/ul	99
80) Fluoranthene	19.505	202	968526	46.489	ng/ul#	94
82) Pyrene	19.863	202	1001077	46.517	ng/ul#	93
83) Butylbenzylphthalate	20.738	149	415550	46.010	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.608	252	151118	21.224	ng/ul	98
85) Benzo(a)anthracene	21.702	228	1035915	47.804	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.590	149	580732	44.809	ng/ul	99
87) Chrysene	21.767	228	988952	48.750	ng/ul	99
89) Di-n-octyl phthalate	22.812	149	1023945	46.608	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	1102618	48.668	ng/ul	98
91) Benzo(k)fluoranthene	23.999	252	1108316	49.057	ng/ul#	96
93) Benzo(a)pyrene	24.810	252	933880	43.530	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.658	276	1408522	51.376	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.717	278	1139157	50.309	ng/ul	100
96) Benzo(g,h,i)perylene	29.816	276	1056542m	48.440	ng/ul	

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

