

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059592.D
 Acq On : 2 Nov 2023 1:28
 Operator : MA/JU
 Sample : 04952-08MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MS

Quant Time: Nov 02 04:24:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	74302	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	497850	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.981	164	322912	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	689208	20.000	ng/u1	0.00
79) Chrysene-d12	22.073	240	500306	20.000	ng/u1	# 0.00
88) Perylene-d12	25.681	264	567790	20.000	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	5926	2.984	ng/uL	0.00
4) Pyridine-d5	4.088	84	48353	8.713	ng/u1	0.00
7) Phenol-d5	7.467	99	52221	6.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	107031	30.519	ng/u1	0.00
11) 2-Chlorophenol-d4	7.872	132	147794	23.859	ng/u1	0.00
15) 4-Methylphenol-d8	9.041	113	95171	15.711	ng/u1	0.00
21) Nitrobenzene-d5	9.558	128	102722	29.018	ng/u1	0.00
24) 2-Nitrophenol-d4	10.275	143	151736	41.754	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.798	165	253159	31.619	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	387853	29.427	ng/u1	0.00
46) Dimethylphthalate-d6	14.382	166	1030502	35.225	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	1156845	33.695	ng/u1	0.00
54) 4-Nitrophenol-d4	15.152	143	42418	8.455	ng/u1	0.00
60) Fluorene-d10	15.974	176	893714	35.746	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.080	200	170228	52.155	ng/u1	0.00
73) Anthracene-d10	17.837	188	1381299	36.994	ng/u1	0.00
81) Pyrene-d10	20.105	212	1359631	39.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.428	264	1298235	38.829	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.695	88	8350m	3.757	ng/uL	
5) Pyridine	4.112	79	46480	8.491	ng/u1#	88
6) Benzaldehyde	7.496	77	127225	36.994	ng/u1	90
8) Phenol	7.496	94	54125	7.519	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.772	93	174501	33.058	ng/u1	94
12) 2-Chlorophenol	7.907	128	161962	26.374	ng/u1	94
13) 2-Methylphenol	8.777	108	124186	20.695	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.865	45	138689	27.919	ng/u1	94
16) Acetophenone	9.200	105	337601	35.356	ng/u1	90
17) N-Nitroso-di-n-propyla...	9.165	70	141361	31.419	ng/u1#	97
18) 4-Methylphenol	9.106	108	110731	17.343	ng/u1	92
19) Hexachloroethane	9.441	117	81697	33.496	ng/u1	92
22) Nitrobenzene	9.599	77	224267	29.352	ng/u1	95
23) Isophorone	10.111	82	625108	32.487	ng/u1#	88
25) 2-Nitrophenol	10.310	139	177112	45.317	ng/u1#	81
26) 2,4-Dimethylphenol	10.334	107	241959	23.537	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.592	93	351686	32.825	ng/u1	98
29) 2,4-Dichlorophenol	10.827	162	274825	35.479	ng/u1	89
30) Naphthalene	11.256	128	1055037	34.001	ng/u1	98
32) 4-Chloroaniline	11.374	127	371724	29.691	ng/u1	88
33) Hexachlorobutadiene	11.485	225	151891	32.686	ng/u1	94
34) Caprolactam	12.167	113	14594m	5.150	ng/u1	
35) 4-Chloro-3-methylphenol	12.437	107	310180	33.561	ng/u1	93
36) 2-Methylnaphthalene	12.837	142	767712	35.963	ng/u1	99

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37) 1-Methylnaphthalene	13.054	142	754350	35.477	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.178	216	327271	35.139	ng/ul	94
40) Hexachlorocyclopentadiene	13.131	237	151250	27.858	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.418	196	246454	38.215	ng/ul	90
42) 2,4,5-Trichlorophenol	13.483	196	274630	39.334	ng/ul	96
43) 1,1'-Biphenyl	13.824	154	1017161	34.820	ng/ul	97
44) 2-Chloronaphthalene	13.877	162	796908	35.100	ng/ul	96
45) 2-Nitroaniline	14.088	65	248019	58.710	ng/ul	86
47) Dimethylphthalate	14.429	163	1102318	38.138	ng/ul#	98
48) 2,6-Dinitrotoluene	14.570	165	232973	53.433	ng/ul#	68
50) Acenaphthylene	14.717	152	1455785	36.802	ng/ul	97
51) 3-Nitroaniline	14.911	138	244025	44.902	ng/ul#	77
52) Acenaphthene	15.052	153	941507	36.513	ng/ul	96
53) 2,4-Dinitrophenol	15.099	184	125584	50.693	ng/ul#	57
55) 4-Nitrophenol	15.169	109	55229	9.989	ng/ul	94
56) Dibenzofuran	15.381	168	1289288	38.567	ng/ul	91
57) 2,4-Dinitrotoluene	15.346	165	337405	55.015	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.587	232	243002	44.344	ng/ul#	94
59) Diethylphthalate	15.775	149	1236204	39.208	ng/ul	100
61) Fluorene	16.033	166	1098554	38.066	ng/ul#	92
62) 4-Chlorophenyl-phenyle...	16.010	204	493405	40.005	ng/ul	97
63) 4-Nitroaniline	16.068	138	273783	47.470	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	16.098	198	182405	53.027	ng/ul#	79
67) N-Nitrosodiphenylamine	16.233	169	966835	41.055	ng/ul	96
68) 4-Bromophenyl-phenylether	16.909	248	304812	44.197	ng/ul	88
69) Hexachlorobenzene	16.997	284	339792	42.630	ng/ul	96
70) Atrazine	17.167	200	306561	42.010	ng/ul	93
71) Pentachlorophenol	17.355	266	210929	46.323	ng/ul	99
72) Phenanthrene	17.778	178	1743599	38.915	ng/ul	98
74) Anthracene	17.872	178	1774717	39.229	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.783	216	357359	38.936	ng/uL	88
76) Pentachlorobenzene	15.275	250	344058	39.505	ng/uL	97
77) Carbazole	18.148	167	1622773	41.756	ng/ul	96
78) Di-n-butylphthalate	18.654	149	2029671	38.010	ng/ul	99
80) Fluoranthene	19.770	202	1838061	43.360	ng/ul	97
82) Pyrene	20.134	202	1830976	41.583	ng/ul	97
83) Butylbenzylphthalate	20.998	149	894445	44.980	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.961	252	536199	41.213	ng/ul#	97
85) Benzo(a)anthracene	22.055	228	1694160	41.149	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.891	149	1250146	42.132	ng/ul	98
87) Chrysene	22.126	228	1590348	41.524	ng/ul	97
89) Di-n-octyl phthalate	23.242	149	2122676	42.700	ng/ul	100
90) Benzo(b)fluoranthene	24.517	252	1692214	41.115	ng/ul#	94
91) Benzo(k)fluoranthene	24.594	252	1650741	40.153	ng/ul#	98
93) Benzo(a)pyrene	25.516	252	1544631	39.708	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.870	276	2025626m	41.083	ng/ul	
95) Dibenzo(a,h)anthracene	29.970	278	1671056	41.035	ng/ul	96
96) Benzo(g,h,i)perylene	31.215	276	1592095	39.453	ng/ul#	94

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

