

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
 Data File : BG059064.D
 Acq On : 14 Sep 2023 14:30
 Operator : MA/JU
 Sample : SSTD08017
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD080418

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 14 15:27:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 14 15:06:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.304	152	91407	20.000	ng/u1	0.00
20) Naphthalene-d8	11.147	136	453810	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.931	164	342727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.687	188	885179	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.011	240	820648	20.000	ng/u1	0.00
88) Perylene-d12	25.560	264	935722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.609	96	60981	28.834	ng/uL	0.00
4) Pyridine-d5	4.038	84	543055	80.014	ng/u1	0.00
7) Phenol-d5	7.416	99	785975	85.368	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.622	67	432771	79.980	ng/u1	0.00
11) 2-Chlorophenol-d4	7.816	132	527097	88.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.991	113	637396	87.940	ng/u1	0.00
21) Nitrobenzene-d5	9.502	128	291006	86.642	ng/u1	0.00
24) 2-Nitrophenol-d4	10.219	143	349141	90.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.748	165	672206	85.047	ng/u1	0.01
31) 4-Chloroaniline-d4	11.294	131	866964	81.250	ng/u1	0.01
46) Dimethylphthalate-d6	14.332	166	2210744	81.438	ng/u1	0.00
49) Acenaphthylene-d8	14.637	160	2404919	79.935	ng/u1	0.00
54) 4-Nitrophenol-d4	15.119	143	391901	84.628	ng/u1	0.02
60) Fluorene-d10	15.924	176	1997686	82.047	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.042	200	453725	97.670	ng/u1	0.02
73) Anthracene-d10	17.787	188	3092732	77.475	ng/u1	0.00
81) Pyrene-d10	20.060	212	3428636	76.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.325	264	3728670	80.303	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.644	88	75405	27.542	ng/uL#	83
5) Pyridine	4.061	79	558979	77.660	ng/u1#	88
6) Benzaldehyde	7.446	77	375940	65.808	ng/u1	90
8) Phenol	7.446	94	833999	84.439	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.716	93	567589	79.649	ng/u1	90
12) 2-Chlorophenol	7.851	128	523401	85.959	ng/u1	98
13) 2-Methylphenol	8.721	108	647916	86.233	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.809	45	661138	76.522	ng/u1	96
16) Acetophenone	9.150	105	1042455	86.667	ng/u1#	97
17) N-Nitroso-di-n-propyla...	9.120	70	570342	84.214	ng/u1	97
18) 4-Methylphenol	9.067	108	707251	86.069	ng/u1	97
19) Hexachloroethane	9.391	117	227960	87.845	ng/u1	92
22) Nitrobenzene	9.549	77	846445	84.217	ng/u1	95
23) Isophorone	10.060	82	1747779	81.476	ng/u1	97
25) 2-Nitrophenol	10.254	139	338554	88.925	ng/u1	86
26) 2,4-Dimethylphenol	10.278	107	809033	86.041	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.536	93	864862	76.886	ng/u1	95
29) 2,4-Dichlorophenol	10.777	162	616716	82.648	ng/u1	96
30) Naphthalene	11.200	128	1906178	78.828	ng/u1	97
32) 4-Chloroaniline	11.318	127	832985	82.873	ng/u1	100
33) Hexachlorobutadiene	11.429	225	497399	86.154	ng/u1	92
34) Caprolactam	12.123	113	224723m	83.180	ng/u1	
35) 4-Chloro-3-methylphenol	12.393	107	791098	85.618	ng/u1	89
36) 2-Methylnaphthalene	12.781	142	1414550	77.338	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.998	142	1447479	80.191	ng/ul	99	09/15/2023
39) 1,2,4,5-Tetrachloroben...	13.121	216	922386	82.167	ng/ul	98	Supervised By :mohammad
40) Hexachlorocyclopentadiene	13.074	237	678823	79.107	ng/ul	90	ahmed
41) 2,4,6-Trichlorophenol	13.362	196	613506	85.623	ng/ul	97	
42) 2,4,5-Trichlorophenol	13.433	196	649785	82.930	ng/ul	98	
43) 1,1'-Biphenyl	13.774	154	2034104	78.622	ng/ul	96	
44) 2-Chloronaphthalene	13.827	162	1565141	79.715	ng/ul	98	09/15/2023
45) 2-Nitroaniline	14.044	65	570951	91.400	ng/ul	95	
47) Dimethylphthalate	14.379	163	2085388	80.721	ng/ul	99	
48) 2,6-Dinitrotoluene	14.526	165	466583	94.601	ng/ul#	94	
50) Acenaphthylene	14.667	152	2540501	77.784	ng/ul#	95	
51) 3-Nitroaniline	14.861	138	389068	79.921	ng/ul	89	
52) Acenaphthene	15.002	153	1734154	78.988	ng/ul	100	
53) 2,4-Dinitrophenol	15.055	184	310174	94.547	ng/ul#	88	
55) 4-Nitrophenol	15.137	109	511781	93.482	ng/ul	90	
56) Dibenzofuran	15.337	168	2519451	78.742	ng/ul	98	
57) 2,4-Dinitrotoluene	15.301	165	668780	95.314	ng/ul	95	
58) 2,3,4,6-Tetrachlorophenol	15.542	232	671515	87.105	ng/ul	99	
59) Diethylphthalate	15.730	149	2112784	82.195	ng/ul	97	
61) Fluorene	15.983	166	2092587	79.592	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.959	204	1181111	83.810	ng/ul	96	
63) 4-Nitroaniline	16.036	138	345608	74.787	ng/ul#	78	
66) 4,6-Dinitro-2-methylph...	16.053	198	489478	97.524	ng/ul	100	
67) N-Nitrosodiphenylamine	16.183	169	1812538	77.592	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.858	248	837949	84.393	ng/ul	91	
69) Hexachlorobenzene	16.952	284	908216	80.940	ng/ul	96	
70) Atrazine	17.123	200	744594	79.304	ng/ul	95	
71) Pentachlorophenol	17.305	266	613598	86.988	ng/ul	100	
72) Phenanthrene	17.728	178	3366387	74.022	ng/ul	95	
74) Anthracene	17.822	178	3418244	73.674	ng/ul	95	
75) 1,2,3,4-Tetrachloroben...	13.733	216	987280	78.171	ng/ul	94	
76) Pentachlorobenzene	15.225	250	1010645	82.172	ng/ul	93	
77) Carbazole	18.098	167	2953510	76.449	ng/ul	94	
78) Di-n-butylphthalate	18.603	149	3292848	75.641	ng/ul#	96	
80) Fluoranthene	19.720	202	3815111	73.392	ng/ul	99	
82) Pyrene	20.090	202	3882620	72.015	ng/ul	99	
83) Butylbenzylphthalate	20.948	149	1500189	86.778	ng/ul	93	
84) 3,3'-Dichlorobenzidine	21.899	252	1407844	75.429	ng/ul	99	
85) Benzo(a)anthracene	21.988	228	4234477	75.931	ng/ul	95	
86) Bis(2-ethylhexyl)phtha...	21.823	149	2168065	83.971	ng/ul#	99	
87) Chrysene	22.064	228	3908309	75.100	ng/ul	94	
89) Di-n-octyl phthalate	23.151	149	3618132	81.682	ng/ul	100	
90) Benzo(b)fluoranthene	24.420	252	4399202	78.345	ng/ul	98	
91) Benzo(k)fluoranthene	24.502	252	4405092	77.242	ng/ul	98	
93) Benzo(a)pyrene	25.413	252	4159128	78.884	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	29.708	276	5303065m	79.891	ng/ul		
95) Dibenzo(a,h)anthracene	29.790	278	4388452m	80.108	ng/ul		
96) Benzo(g,h,i)perylene	31.024	276	4197157	79.846	ng/ul	98	

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

