

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058175.D
 Acq On : 12 Jul 2023 4:45
 Operator : CG/JU
 Sample : PB153960BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS960

Quant Time: Jul 12 05:21:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	43302	20.000	ng/u1	0.00
20) Naphthalene-d8	10.779	136	204547	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	142642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.342	188	334238	20.000	ng/u1	0.00
79) Chrysene-d12	21.601	240	281248	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	335569	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6930	5.604	ng/uL	0.00
4) Pyridine-d5	3.810	84	112336	29.922	ng/u1	0.00
7) Phenol-d5	7.130	99	158379	35.814	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	89913	33.739	ng/u1	0.00
11) 2-Chlorophenol-d4	7.500	132	108766	35.661	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	116026	34.772	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	57377	34.416	ng/u1	0.00
24) 2-Nitrophenol-d4	9.856	143	62937	35.920	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	119069	35.424	ng/u1	0.00
31) 4-Chloroaniline-d4	10.908	131	158636	31.129	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	364794	32.413	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	428642	34.902	ng/u1	0.00
54) 4-Nitrophenol-d4	14.803	143	63447	31.908	ng/u1	0.00
60) Fluorene-d10	15.591	176	326317	34.140	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.708	200	59585	32.831	ng/u1	0.00
73) Anthracene-d10	17.441	188	512478	33.043	ng/u1	0.00
81) Pyrene-d10	19.727	212	594799	33.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	631258	36.923	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	16727	10.949	ng/uL	92
5) Pyridine	3.828	79	106634	27.722	ng/u1	96
6) Benzaldehyde	7.112	77	69335	46.948	ng/u1	95
8) Phenol	7.159	94	147211	32.804	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.388	93	106588	30.762	ng/u1	98
12) 2-Chlorophenol	7.535	128	103168	32.505	ng/u1	96
13) 2-Methylphenol	8.411	108	112002	31.779	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	166005	31.124	ng/u1	97
16) Acetophenone	8.793	105	178386	32.222	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.775	70	91311	30.853	ng/u1	97
18) 4-Methylphenol	8.740	108	124969	32.793	ng/u1	96
19) Hexachloroethane	9.051	117	38113	31.324	ng/u1	94
22) Nitrobenzene	9.175	77	134222	31.013	ng/u1	100
23) Isophorone	9.692	82	274577	29.733	ng/u1	97
25) 2-Nitrophenol	9.891	139	62575	33.282	ng/u1	99
26) 2,4-Dimethylphenol	9.944	107	115954	27.427	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.179	93	152644	29.332	ng/u1	97
29) 2,4-Dichlorophenol	10.426	162	106467	32.578	ng/u1	93
30) Naphthalene	10.826	128	355371	30.915	ng/u1	99
32) 4-Chloroaniline	10.937	127	119305	22.896	ng/u1	97
33) Hexachlorobutadiene	11.108	225	69200	29.909	ng/u1	98
34) Caprolactam	11.689	113	38772m	29.509	ng/u1	
35) 4-Chloro-3-methylphenol	12.059	107	131376	32.726	ng/u1	99
36) 2-Methylnaphthalene	12.430	142	240704	31.063	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.647	142	240867	30.998	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.800	216	141149	32.471	ng/ul	99
40) Hexachlorocyclopentadiene	12.770	237	45063	16.458	ng/ul	99
41) 2,4,6-Trichlorophenol	13.035	196	92390	31.359	ng/ul	95
42) 2,4,5-Trichlorophenol	13.111	196	102186	32.071	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	324597	31.577	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	263981	31.998	ng/ul	100
45) 2-Nitroaniline	13.681	65	95307	33.227	ng/ul	98
47) Dimethylphthalate	14.051	163	339472	30.023	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	74408	32.059	ng/ul	96
50) Acenaphthylene	14.322	152	415929	31.362	ng/ul	98
51) 3-Nitroaniline	14.504	138	73151	37.295	ng/ul	98
52) Acenaphthene	14.662	153	288548	31.706	ng/ul	97
53) 2,4-Dinitrophenol	14.715	184	33942	28.051	ng/ul	97
55) 4-Nitrophenol	14.815	109	41838	28.403	ng/ul	93
56) Dibenzofuran	14.997	168	406740	31.441	ng/ul	99
57) 2,4-Dinitrotoluene	14.962	165	106748	32.462	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	85213	29.378	ng/ul	97
59) Diethylphthalate	15.408	149	349496	29.614	ng/ul	100
61) Fluorene	15.649	166	333708	31.439	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.638	204	174854	31.132	ng/ul	98
63) 4-Nitroaniline	15.667	138	74480	42.389	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.726	198	56762	30.583	ng/ul	99
67) N-Nitrosodiphenylamine	15.849	169	283743	31.899	ng/ul	98
68) 4-Bromophenyl-phenylether	16.531	248	119886	32.676	ng/ul	99
69) Hexachlorobenzene	16.648	284	131947	32.122	ng/ul	99
70) Atrazine	16.795	200	58750	16.151	ng/ul	99
71) Pentachlorophenol	16.995	266	61067	24.763	ng/ul	97
72) Phenanthrene	17.383	178	530195	31.185	ng/ul	99
74) Anthracene	17.477	178	521294	30.299	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.405	216	149454	33.716	ng/uL	97
76) Pentachlorobenzene	14.921	250	352229	74.401	ng/uL	96
77) Carbazole	17.747	167	492612	31.659	ng/ul	100
78) Di-n-butylphthalate	18.293	149	610183	30.785	ng/ul	100
80) Fluoranthene	19.392	202	625284	30.464	ng/ul	99
82) Pyrene	19.756	202	629908	30.488	ng/ul	99
83) Butylbenzylphthalate	20.632	149	271168	32.367	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.495	252	250358	36.770	ng/ul	98
85) Benzo(a)anthracene	21.584	228	638074	31.597	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.478	149	386947	32.230	ng/ul	98
87) Chrysene	21.648	228	614844	32.479	ng/ul	100
89) Di-n-octyl phthalate	22.671	149	694676	33.693	ng/ul	100
90) Benzo(b)fluoranthene	23.775	252	684214	32.930	ng/ul	99
91) Benzo(k)fluoranthene	23.846	252	652979	32.063	ng/ul	99
93) Benzo(a)pyrene	24.645	252	592865	32.238	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.434	276	749683	30.699	ng/ul	98
95) Dibenzo(a,h)anthracene	28.499	278	651956	32.375	ng/ul	98
96) Benzo(g,h,i)perylene	29.568	276	563964	28.274	ng/ul	98

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

