

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058376.D
 Acq On : 21 Jul 2023 2:37
 Operator : CG/JU
 Sample : PB154069BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS069

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 03:23:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	42846	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	204752	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	148717	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	334242	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	270646	20.000	ng/u1	0.00
88) Perylene-d12	24.663	264	327002	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	7416m	6.371	ng/uL	0.00
4) Pyridine-d5	3.746	84	122250	35.381	ng/u1	0.00
7) Phenol-d5	7.060	99	164348	40.435	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	91173	35.889	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	110443	38.818	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	121957	39.337	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	59663	38.875	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	67050	40.018	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	129078	40.187	ng/u1	0.00
31) 4-Chloroaniline-d4	10.838	131	167662	36.008	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	393237	34.290	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	453314	37.720	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	61654	35.599	ng/u1	0.00
60) Fluorene-d10	15.526	176	353310	37.212	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	57539	33.789	ng/u1	0.00
73) Anthracene-d10	17.377	188	542940	37.594	ng/u1	0.00
81) Pyrene-d10	19.668	212	630423	39.438	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	651491	41.221	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	17804	13.483	ng/uL#	91
5) Pyridine	3.764	79	126417	34.645	ng/u1	97
6) Benzaldehyde	7.036	77	92653m	56.446	ng/u1	
8) Phenol	7.089	94	168585	39.940	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.318	93	118033	36.502	ng/u1	98
12) 2-Chlorophenol	7.459	128	114987	38.610	ng/u1	98
13) 2-Methylphenol	8.340	108	126740	38.526	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.423	45	191730m	36.182	ng/u1	
16) Acetophenone	8.717	105	199586	37.802	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	101045	34.968	ng/u1	96
18) 4-Methylphenol	8.670	108	140738	39.365	ng/u1	99
19) Hexachloroethane	8.975	117	42993	36.624	ng/u1	92
22) Nitrobenzene	9.104	77	153405	37.482	ng/u1	100
23) Isophorone	9.621	82	305754	33.321	ng/u1	99
25) 2-Nitrophenol	9.809	139	70484	39.384	ng/u1	93
26) 2,4-Dimethylphenol	9.868	107	124005	31.075	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.103	93	174530	35.914	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	122520	40.190	ng/u1	94
30) Naphthalene	10.749	128	398382	36.401	ng/u1	100
32) 4-Chloroaniline	10.861	127	165969	34.875	ng/u1	98
33) Hexachlorobutadiene	11.026	225	79199	36.332	ng/u1	98
34) Caprolactam	11.625	113	44736m	35.332	ng/u1	
35) 4-Chloro-3-methylphenol	11.989	107	151976	39.173	ng/u1	94
36) 2-Methylnaphthalene	12.359	142	276271	37.678	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	278418	37.049	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	164075	38.112	ng/ul	98
40) Hexachlorocyclopentadiene	12.700	237	53148	22.954	ng/ul	97
41) 2,4,6-Trichlorophenol	12.970	196	115883	39.764	ng/ul	98
42) 2,4,5-Trichlorophenol	13.047	196	123913	39.874	ng/ul	98
43) 1,1'-Biphenyl	13.370	154	372460	37.038	ng/ul	98
44) 2-Chloronaphthalene	13.411	162	301708	37.735	ng/ul	96
45) 2-Nitroaniline	13.617	65	108788	39.171	ng/ul	99
47) Dimethylphthalate	13.987	163	397361	34.496	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	88162	39.607	ng/ul	96
50) Acenaphthylene	14.257	152	485951	37.460	ng/ul	100
51) 3-Nitroaniline	14.445	138	83305	44.908	ng/ul	88
52) Acenaphthene	14.598	153	336135	37.320	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	30289	25.568	ng/ul	97
55) 4-Nitrophenol	14.757	109	46497	34.860	ng/ul	91
56) Dibenzofuran	14.933	168	476205	37.132	ng/ul	99
57) 2,4-Dinitrotoluene	14.903	165	126553	39.419	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.162	232	107378	37.398	ng/ul#	99
59) Diethylphthalate	15.350	149	411455	34.673	ng/ul	99
61) Fluorene	15.585	166	383581	36.472	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	202724	36.309	ng/ul	98
63) 4-Nitroaniline	15.608	138	78855m	46.979	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.667	198	59148	33.760	ng/ul	97
67) N-Nitrosodiphenylamine	15.785	169	328188	39.611	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	140663	39.732	ng/ul	96
69) Hexachlorobenzene	16.584	284	157243	39.362	ng/ul	96
70) Atrazine	16.737	200	129552	39.882	ng/ul	98
71) Pentachlorophenol	16.930	266	71392	31.838	ng/ul	93
72) Phenanthrene	17.324	178	614905	38.712	ng/ul	98
74) Anthracene	17.412	178	601754	37.737	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.335	216	167025	39.839	ng/uL	97
76) Pentachlorobenzene	14.856	250	176277	38.449	ng/uL	97
77) Carbazole	17.682	167	566546	40.986	ng/ul	99
78) Di-n-butylphthalate	18.235	149	720512	41.021	ng/ul	99
80) Fluoranthene	19.333	202	727061	39.702	ng/ul	98
82) Pyrene	19.698	202	724274	39.033	ng/ul	99
83) Butylbenzylphthalate	20.579	149	310884	42.549	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.431	252	261995	43.365	ng/ul	96
85) Benzo(a)anthracene	21.513	228	722843	39.735	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	444425	42.764	ng/ul	100
87) Chrysene	21.578	228	688745	39.916	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	765239	43.982	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	759480	40.142	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	754347	39.976	ng/ul	99
93) Benzo(a)pyrene	24.522	252	680106	40.415	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.241	276	910505	41.066	ng/ul	99
95) Dibenzo(a,h)anthracene	28.294	278	767470	42.212	ng/ul	99
96) Benzo(g,h,i)perylene	29.363	276	747287m	41.368	ng/ul	

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

