

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059360.D
 Acq On : 8 Oct 2023 3:03
 Operator : MA/JU
 Sample : PB155977BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS977

Quant Time: Oct 08 03:39:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
 Supervised By :mohammad ahmed 10/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	46752	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	221526	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	148952	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	346965m	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	314897	20.000	ng/u1	0.00
88) Perylene-d12	25.403	264	367818	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	8256	6.296	ng/uL	0.00
4) Pyridine-d5	3.963	84	132904	35.214	ng/u1	0.00
7) Phenol-d5	7.359	99	196772	38.118	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	108268	37.106	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	138090	38.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	145002	36.051	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	74070	39.278	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	80857	39.615	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	153048	41.544	ng/u1	0.00
31) 4-Chloroaniline-d4	11.219	131	213292	36.449	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	476255	39.027	ng/u1	0.00
49) Acenaphthylene-d8	14.568	160	582032	40.079	ng/u1	0.00
54) 4-Nitrophenol-d4	15.062	143	84829	37.095	ng/u1	0.00
60) Fluorene-d10	15.855	176	438760	37.668	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	94383	41.201	ng/u1	0.00
73) Anthracene-d10	17.712	188	656785	38.588	ng/u1	0.00
81) Pyrene-d10	19.986	212	753245	39.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.156	264	751902	38.847	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	20167	14.408	ng/uL	91
5) Pyridine	3.981	79	127919	33.569	ng/u1	99
6) Benzaldehyde	7.377	77	92066	42.995	ng/u1	98
8) Phenol	7.389	94	196444	38.483	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.647	93	145515	37.015	ng/u1	98
12) 2-Chlorophenol	7.782	128	146268	38.447	ng/u1#	96
13) 2-Methylphenol	8.658	108	143912	37.729	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.734	45	310818	37.788	ng/u1	99
16) Acetophenone	9.075	105	229697	37.581	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.040	70	110606	36.319	ng/u1#	91
18) 4-Methylphenol	8.993	108	153714	36.646	ng/u1	90
19) Hexachloroethane	9.316	117	53661	38.778	ng/u1	91
22) Nitrobenzene	9.474	77	168022	40.642	ng/u1#	93
23) Isophorone	9.980	82	345321	39.117	ng/u1	99
25) 2-Nitrophenol	10.179	139	87889	41.752	ng/u1#	92
26) 2,4-Dimethylphenol	10.209	107	129914	31.285	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.461	93	215860	40.691	ng/u1	98
29) 2,4-Dichlorophenol	10.702	162	155417	41.895	ng/u1	97
30) Naphthalene	11.125	128	517265	40.373	ng/u1	97
32) 4-Chloroaniline	11.243	127	195314	35.281	ng/u1	100
33) Hexachlorobutadiene	11.349	225	93693	41.830	ng/u1	94
34) Caprolactam	12.018	113	51893m	38.523	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	163122	40.978	ng/u1	95
36) 2-Methylnaphthalene	12.706	142	351274	41.126	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	345587	38.969	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.053	216	187497	42.259	ng/ul	95
40) Hexachlorocyclopentadiene	13.006	237	91310	34.280	ng/ul	97
41) 2,4,6-Trichlorophenol	13.299	196	125703	41.754	ng/ul	98
42) 2,4,5-Trichlorophenol	13.370	196	131580	40.242	ng/ul	95
43) 1,1'-Biphenyl	13.705	154	504415	41.145	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	388710	41.249	ng/ul	98
45) 2-Nitroaniline	13.975	65	129183	41.864	ng/ul	98
47) Dimethylphthalate	14.310	163	487388	39.740	ng/ul	99
48) 2,6-Dinitrotoluene	14.457	165	101462	41.007	ng/ul	100
50) Acenaphthylene	14.598	152	636224	40.757	ng/ul	98
51) 3-Nitroaniline	14.798	138	108194	44.656	ng/ul	99
52) Acenaphthene	14.933	153	433749	41.068	ng/ul	99
53) 2,4-Dinitrophenol	14.991	184	65998	37.134	ng/ul	97
55) 4-Nitrophenol	15.074	109	62572	40.554	ng/ul	93
56) Dibenzofuran	15.262	168	588534	40.385	ng/ul	97
57) 2,4-Dinitrotoluene	15.232	165	146848	40.525	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.473	232	125453	39.986	ng/ul#	94
59) Diethylphthalate	15.655	149	474554	38.905	ng/ul	97
61) Fluorene	15.908	166	495665	39.975	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.890	204	252231	41.168	ng/ul	96
63) 4-Nitroaniline	15.955	138	109396	50.153	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.984	198	106158m	43.570	ng/ul	
67) N-Nitrosodiphenylamine	16.114	169	402588	41.002	ng/ul	99
68) 4-Bromophenyl-phenylether	16.789	248	151245	41.050	ng/ul	93
69) Hexachlorobenzene	16.883	284	172978	41.131	ng/ul	98
70) Atrazine	17.048	200	142552	36.618	ng/ul	98
71) Pentachlorophenol	17.236	266	107363m	43.926	ng/ul	
72) Phenanthrene	17.659	178	835951m	40.681	ng/ul	
74) Anthracene	17.747	178	839928	40.189	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.664	216	184592	40.950	ng/uL	97
76) Pentachlorobenzene	15.156	250	182857	39.196	ng/uL	94
77) Carbazole	18.029	167	731182	42.040	ng/ul	98
78) Di-n-butylphthalate	18.528	149	868810	42.223	ng/ul	99
80) Fluoranthene	19.651	202	958297	40.372	ng/ul	98
82) Pyrene	20.021	202	993012	40.253	ng/ul	97
83) Butylbenzylphthalate	20.867	149	366711	40.232	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.807	252	332094	42.274	ng/ul	96
85) Benzo(a)anthracene	21.895	228	961805	39.992	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.725	149	556123	40.795	ng/ul	99
87) Chrysene	21.966	228	905287	40.075	ng/ul	97
89) Di-n-octyl phthalate	23.017	149	940100	40.506	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	986886	40.722	ng/ul	98
91) Benzo(k)fluoranthene	24.351	252	988143	40.157	ng/ul	98
93) Benzo(a)pyrene	25.238	252	928548	40.223	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.433	276	1068491	40.182	ng/ul	97
95) Dibenzo(a,h)anthracene	29.510	278	874181	40.429	ng/ul	95
96) Benzo(g,h,i)perylene	30.714	276	868093	40.933	ng/ul	95

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

