

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058464.D
 Acq On : 26 Jul 2023 3:15
 Operator : CG/JU
 Sample : PB154052BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS052

Quant Time: Jul 26 04:16:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	44022	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	184431	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	123417	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	293897	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	248359	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	312049	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	9662	8.078	ng/uL	0.00
4) Pyridine-d5	3.646	84	141651	39.901	ng/u1	0.00
7) Phenol-d5	6.989	99	179468	42.975	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	112175	42.977	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	132953	45.481	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	127737	40.101	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	64431	46.608	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	73901	48.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	132842	45.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	159719	38.082	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	394676	41.471	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	459839	46.106	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	55459	38.586	ng/u1	0.00
60) Fluorene-d10	15.456	176	350908	44.536	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	53843	35.959	ng/u1	0.00
73) Anthracene-d10	17.307	188	570220	44.903	ng/u1	0.00
81) Pyrene-d10	19.598	212	681665	46.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	715570	47.444	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	20937	15.433	ng/uL	89
5) Pyridine	3.670	79	142825	38.096	ng/u1	96
6) Benzaldehyde	6.954	77	79800m	47.317	ng/u1	
8) Phenol	7.013	94	171606	39.570	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.236	93	133078	40.056	ng/u1	98
12) 2-Chlorophenol	7.383	128	127163	41.558	ng/u1	99
13) 2-Methylphenol	8.264	108	129207	38.226	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.341	45	217319m	39.915	ng/u1	
16) Acetophenone	8.640	105	201189	37.088	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.623	70	105121	35.407	ng/u1	98
18) 4-Methylphenol	8.593	108	138587	37.728	ng/u1	99
19) Hexachloroethane	8.893	117	51582	42.767	ng/u1	90
22) Nitrobenzene	9.022	77	153155	41.544	ng/u1	99
23) Isophorone	9.539	82	308625	37.340	ng/u1	99
25) 2-Nitrophenol	9.733	139	69483	43.102	ng/u1	95
26) 2,4-Dimethylphenol	9.792	107	132715	36.922	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.027	93	175530	40.100	ng/u1	99
29) 2,4-Dichlorophenol	10.268	162	116810	42.539	ng/u1	96
30) Naphthalene	10.667	128	406305	41.215	ng/u1	100
32) 4-Chloroaniline	10.779	127	118285	27.594	ng/u1	98
33) Hexachlorobutadiene	10.949	225	89319	45.489	ng/u1	96
34) Caprolactam	11.543	113	41904m	36.742	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	139844	40.017	ng/u1	95
36) 2-Methylnaphthalene	12.283	142	264889	40.106	ng/u1	97

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37) 1-Methylnaphthalene	12.500	142	267308	39.490	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.653	216	162133	45.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	55764	29.021	ng/ul	97
41) 2,4,6-Trichlorophenol	12.894	196	98470	40.715	ng/ul	96
42) 2,4,5-Trichlorophenol	12.970	196	108029	41.888	ng/ul	99
43) 1,1'-Biphenyl	13.294	154	347246	41.609	ng/ul	100
44) 2-Chloronaphthalene	13.341	162	282940	42.642	ng/ul	98
45) 2-Nitroaniline	13.546	65	97031	42.099	ng/ul	93
47) Dimethylphthalate	13.916	163	372143	38.930	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	80753	43.715	ng/ul	94
50) Acenaphthylene	14.187	152	442674	41.119	ng/ul	100
51) 3-Nitroaniline	14.375	138	71692	46.570	ng/ul	89
52) Acenaphthene	14.527	153	309421	41.396	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	22168	22.549	ng/ul	94
55) 4-Nitrophenol	14.692	109	39516	35.699	ng/ul	92
56) Dibenzofuran	14.862	168	437612	41.117	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	115411	43.317	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.091	232	86289	36.214	ng/ul#	99
59) Diethylphthalate	15.279	149	383229	38.914	ng/ul	99
61) Fluorene	15.515	166	352060	40.337	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	194002	41.870	ng/ul	98
63) 4-Nitroaniline	15.538	138	72171	51.811	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.597	198	50383	32.705	ng/ul	98
67) N-Nitrosodiphenylamine	15.720	169	304359	41.778	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	135597	43.559	ng/ul	97
69) Hexachlorobenzene	16.513	284	154105	43.872	ng/ul	99
70) Atrazine	16.666	200	30190	10.570	ng/ul	95
71) Pentachlorophenol	16.866	266	50544m	25.635	ng/ul	
72) Phenanthrene	17.248	178	586969	42.026	ng/ul	98
74) Anthracene	17.342	178	584537	41.689	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	169027	45.851	ng/uL	97
76) Pentachlorobenzene	14.786	250	393690	97.659	ng/uL	98
77) Carbazole	17.612	167	534532	43.979	ng/ul	98
78) Di-n-butylphthalate	18.164	149	693265	44.888	ng/ul	99
80) Fluoranthene	19.263	202	710857	42.301	ng/ul	99
82) Pyrene	19.627	202	717538	42.141	ng/ul	98
83) Butylbenzylphthalate	20.515	149	309847	46.212	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.349	252	246967	44.546	ng/ul	96
85) Benzo(a)anthracene	21.431	228	732619	43.887	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	453677	47.572	ng/ul	99
87) Chrysene	21.496	228	703745	44.445	ng/ul	99
89) Di-n-octyl phthalate	22.489	149	801730	48.288	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	772638	42.794	ng/ul	99
91) Benzo(k)fluoranthene	23.611	252	764990	42.483	ng/ul	99
93) Benzo(a)pyrene	24.381	252	685832	42.708	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.012	276	918830	43.427	ng/ul	99
95) Dibenzo(a,h)anthracene	28.070	278	770977	44.437	ng/ul	98
96) Benzo(g,h,i)perylene	29.104	276	757129	43.921	ng/ul	99

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

