

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063804.D
 Acq On : 24 Dec 2024 4:14
 Operator : RC/JU
 Sample : PB165751BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS751

Quant Time: Dec 24 05:36:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	78994	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	323929	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.441	164	260159	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.191	188	643168	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	678008	20.000	ng/u1	0.00
88) Perylene-d12	24.453	264	697047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	15403	7.641	ng/uL	0.00
4) Pyridine-d5	3.666	84	223899	35.210	ng/u1	0.00
7) Phenol-d5	6.985	99	282706	38.859	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.132	67	184497	36.717	ng/u1	0.00
11) 2-Chlorophenol-d4	7.338	132	179617	38.135	ng/u1	0.00
15) 4-Methylphenol-d8	8.519	113	212227	37.573	ng/u1	0.00
21) Nitrobenzene-d5	8.954	128	94231	40.742	ng/u1	0.00
24) 2-Nitrophenol-d4	9.676	143	109486	42.230	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.223	165	209879	41.812	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	241781	37.936	ng/u1	0.00
46) Dimethylphthalate-d6	13.848	166	731693	41.332	ng/u1	0.00
49) Acenaphthylene-d8	14.130	160	831355	41.197	ng/u1	0.00
54) 4-Nitrophenol-d4	14.671	143	116805m	46.569	ng/u1	0.00
60) Fluorene-d10	15.434	176	676722	43.236	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.570	200	141227	42.292	ng/u1	0.00
73) Anthracene-d10	17.291	188	1199297	43.371	ng/u1	0.00
81) Pyrene-d10	19.588	212	1476162	41.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.248	264	1415560	43.245	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	32277	13.530	ng/uL	95
5) Pyridine	3.683	79	226644	33.276	ng/u1	93
6) Benzaldehyde	6.938	77	122472	27.444	ng/u1	97
8) Phenol	7.015	94	293240	37.820	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.226	93	214215	36.109	ng/u1	97
12) 2-Chlorophenol	7.367	128	182317	38.240	ng/u1	92
13) 2-Methylphenol	8.255	108	206220	36.799	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.319	45	316943	35.988	ng/u1	97
16) Acetophenone	8.619	105	351685	36.708	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.601	70	201026	35.166	ng/u1	90
18) 4-Methylphenol	8.584	108	228010	37.175	ng/u1	99
19) Hexachloroethane	8.871	117	78420	33.475	ng/u1	96
22) Nitrobenzene	8.995	77	291131	37.694	ng/u1	99
23) Isophorone	9.518	82	567102	38.861	ng/u1	98
25) 2-Nitrophenol	9.706	139	110977	41.651	ng/u1	90
26) 2,4-Dimethylphenol	9.776	107	187344	30.986	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.000	93	318599	40.365	ng/u1#	97
29) 2,4-Dichlorophenol	10.246	162	203520	40.805	ng/u1	99
30) Naphthalene	10.634	128	635482	39.238	ng/u1	98
32) 4-Chloroaniline	10.752	127	189947	31.324	ng/u1	96
33) Hexachlorobutadiene	10.922	225	141723	34.976	ng/u1	93
34) Caprolactam	11.498	113	77471m	44.934	ng/u1	
35) 4-Chloro-3-methylphenol	11.891	107	247632	42.290	ng/u1	99
36) 2-Methylnaphthalene	12.250	142	456607	39.228	ng/u1	99

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37) 1-Methylnaphthalene	12.473	142	468074	39.479	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.626	216	293820	35.279	ng/ul#	98
40) Hexachlorocyclopentadiene	12.602	237	58757	17.847	ng/ul	95
41) 2,4,6-Trichlorophenol	12.873	196	162059	34.428	ng/ul	95
42) 2,4,5-Trichlorophenol	12.955	196	179457	36.531	ng/ul	98
43) 1,1'-Biphenyl	13.266	154	656501	38.264	ng/ul	94
44) 2-Chloronaphthalene	13.307	162	526233	38.195	ng/ul	97
45) 2-Nitroaniline	13.519	65	196424	42.563	ng/ul	93
47) Dimethylphthalate	13.895	163	712577	40.164	ng/ul	98
48) 2,6-Dinitrotoluene	14.018	165	142638	43.289	ng/ul	92
50) Acenaphthylene	14.159	152	892567	41.250	ng/ul	96
51) 3-Nitroaniline	14.347	138	152126	49.936	ng/ul	89
52) Acenaphthene	14.506	153	619722	40.408	ng/ul	99
53) 2,4-Dinitrophenol	14.571	184	70351m	41.779	ng/ul	
55) 4-Nitrophenol	14.682	109	97874	37.579	ng/ul	97
56) Dibenzofuran	14.841	168	882465	40.813	ng/ul	97
57) 2,4-Dinitrotoluene	14.817	165	223612	45.672	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.076	232	147503	34.833	ng/ul#	98
59) Diethylphthalate	15.264	149	730566	42.595	ng/ul	98
61) Fluorene	15.493	166	736205	42.641	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	390949	40.645	ng/ul	95
63) 4-Nitroaniline	15.517	138	163651	53.658	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.587	198	145288	42.232	ng/ul	98
67) N-Nitrosodiphenylamine	15.699	169	646460	41.507	ng/ul	96
68) 4-Bromophenyl-phenylether	16.380	248	264235	40.312	ng/ul	97
69) Hexachlorobenzene	16.504	284	295299	40.210	ng/ul	95
70) Atrazine	16.651	200	102677	15.596	ng/ul	99
71) Pentachlorophenol	16.856	266	88398m	28.549	ng/ul	
72) Phenanthrene	17.232	178	1352021	43.622	ng/ul	100
74) Anthracene	17.326	178	1346797	42.932	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.237	216	298496	34.785	ng/ul	99
76) Pentachlorobenzene	14.765	250	302496	35.583	ng/ul	99
77) Carbazole	17.597	167	1224072	48.205	ng/ul	99
78) Di-n-butylphthalate	18.155	149	1424050	46.436	ng/ul	99
80) Fluoranthene	19.253	202	1680966	41.918	ng/ul	97
82) Pyrene	19.618	202	1784871	41.835	ng/ul	95
83) Butylbenzylphthalate	20.511	149	594033	45.357	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	486969	39.787	ng/ul	98
85) Benzo(a)anthracene	21.421	228	1729549	40.704	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	865149	45.411	ng/ul	97
87) Chrysene	21.486	228	1640453	40.507	ng/ul	97
89) Di-n-octyl phthalate	22.467	149	1523337	50.633	ng/ul	100
90) Benzo(b)fluoranthene	23.501	252	1658339	41.859	ng/ul	99
91) Benzo(k)fluoranthene	23.566	252	1714902	43.396	ng/ul	99
93) Benzo(a)pyrene	24.312	252	1530098	41.147	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.855	276	1938263	42.681	ng/ul	98
95) Dibenzo(a,h)anthracene	27.896	278	1577044	43.400	ng/ul	96
96) Benzo(g,h,i)perylene	28.919	276	1545579	42.890	ng/ul	97

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

