

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063099.D
 Acq On : 28 Sep 2024 8:19
 Operator : RC/JU
 Sample : PB163431BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS431

Quant Time: Sep 28 23:31:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	76515	20.000	ng/u1	0.00
20) Naphthalene-d8	10.638	136	331659	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	299253	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	816417	20.000	ng/u1	0.00
79) Chrysene-d12	21.490	240	862604	20.000	ng/u1	# 0.00
88) Perylene-d12	24.533	264	970921	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	11055	8.329	ng/uL	0.00
4) Pyridine-d5	3.716	84	125641	38.713	ng/u1	0.00
7) Phenol-d5	7.018	99	193649	40.976	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	74315	40.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.383	132	174627	37.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	169234	39.667	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	87427	35.849	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	120656	38.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	245302	37.735	ng/u1	0.00
31) 4-Chloroaniline-d4	10.773	131	248177	32.535	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	842852	35.424	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	931515	36.944	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	138787	38.675	ng/u1	0.00
60) Fluorene-d10	15.479	176	800762	36.730	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	204027	35.760	ng/u1	0.00
73) Anthracene-d10	17.336	188	1454000	37.121	ng/u1	0.00
81) Pyrene-d10	19.633	212	1904283	39.206	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.328	264	1973282	37.947	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	17018	10.861	ng/uL#	88
5) Pyridine	3.740	79	117684	36.838	ng/u1#	81
6) Benzaldehyde	6.995	77	71584	32.614	ng/u1	96
8) Phenol	7.048	94	189513	39.852	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.271	93	117051	39.557	ng/u1	97
12) 2-Chlorophenol	7.418	128	166952	37.034	ng/u1#	94
13) 2-Methylphenol	8.293	108	159275	38.101	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.364	45	97267m	43.149	ng/u1	
16) Acetophenone	8.669	105	250490	37.754	ng/u1#	95
17) N-Nitroso-di-n-propyla...	8.652	70	103981	38.326	ng/u1#	91
18) 4-Methylphenol	8.622	108	176200	38.478	ng/u1	100
19) Hexachloroethane	8.922	117	61156	34.279	ng/u1	91
22) Nitrobenzene	9.045	77	161042	34.978	ng/u1	89
23) Isophorone	9.568	82	328323	36.928	ng/u1#	94
25) 2-Nitrophenol	9.756	139	115406	36.214	ng/u1	95
26) 2,4-Dimethylphenol	9.815	107	160978	28.069	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.050	93	172975	37.223	ng/u1	96
29) 2,4-Dichlorophenol	10.291	162	228246	36.688	ng/u1	99
30) Naphthalene	10.691	128	603935	35.825	ng/u1	98
32) 4-Chloroaniline	10.796	127	209229	29.829	ng/u1	90
33) Hexachlorobutadiene	10.979	225	201043	33.232	ng/u1	91
34) Caprolactam	11.548	113	64000m	36.780	ng/u1	
35) 4-Chloro-3-methylphenol	11.930	107	211145	38.621	ng/u1	97
36) 2-Methylnaphthalene	12.301	142	489038	35.762	ng/u1	94

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37) 1-Methylnaphthalene	12.524	142	492343	35.619	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.677	216	410779	35.335	ng/ul#	94
40) Hexachlorocyclopentadiene	12.653	237	169559	25.667	ng/ul	98
41) 2,4,6-Trichlorophenol	12.917	196	210918	31.540	ng/ul	97
42) 2,4,5-Trichlorophenol	12.988	196	248158	33.765	ng/ul	94
43) 1,1'-Biphenyl	13.317	154	701613	35.411	ng/ul	97
44) 2-Chloronaphthalene	13.358	162	589214	36.931	ng/ul	100
45) 2-Nitroaniline	13.564	65	118573	41.294	ng/ul	96
47) Dimethylphthalate	13.940	163	813671	35.659	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	176449	37.553	ng/ul	96
50) Acenaphthylene	14.204	152	971550	38.450	ng/ul	98
51) 3-Nitroaniline	14.392	138	163774	41.300	ng/ul	97
52) Acenaphthene	14.551	153	647687	36.800	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	110255	33.193	ng/ul	92
55) 4-Nitrophenol	14.709	109	144112	33.175	ng/ul	93
56) Dibenzofuran	14.886	168	1041350	36.978	ng/ul	96
57) 2,4-Dinitrotoluene	14.850	165	270926	36.192	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.115	232	223308	28.437	ng/ul	96
59) Diethylphthalate	15.309	149	813740	36.047	ng/ul	98
61) Fluorene	15.538	166	861170	37.107	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.532	204	521008	35.727	ng/ul	98
63) 4-Nitroaniline	15.556	138	182876	42.526	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.620	198	214258	35.418	ng/ul	96
67) N-Nitrosodiphenylamine	15.744	169	768039	37.736	ng/ul	100
68) 4-Bromophenyl-phenylether	16.425	248	381616	38.088	ng/ul	96
69) Hexachlorobenzene	16.543	284	415952	37.260	ng/ul	98
70) Atrazine	16.689	200	5336	0.533	ng/ul#	84
71) Pentachlorophenol	16.889	266	174163	25.072	ng/ul	90
72) Phenanthrene	17.277	178	1594108	37.878	ng/ul	99
74) Anthracene	17.371	178	1578284	36.469	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.282	216	421708	36.197	ng/ul	96
76) Pentachlorobenzene	14.809	250	460150	36.252	ng/ul	96
77) Carbazole	17.641	167	1325098	38.260	ng/ul	98
78) Di-n-butylphthalate	18.205	149	1450228	38.557	ng/ul	98
80) Fluoranthene	19.298	202	2129711	39.119	ng/ul#	99
82) Pyrene	19.662	202	2199883	38.576	ng/ul#	97
83) Butylbenzylphthalate	20.556	149	652990	41.484	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.396	252	774804	38.002	ng/ul	97
85) Benzo(a)anthracene	21.472	228	2258433	37.696	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.390	149	907477	40.317	ng/ul	97
87) Chrysene	21.537	228	2128057	38.265	ng/ul	99
89) Di-n-octyl phthalate	22.536	149	1532620	41.630	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	2345337m	38.843	ng/ul	
91) Benzo(k)fluoranthene	23.634	252	2272388	37.885	ng/ul#	99
93) Benzo(a)pyrene	24.392	252	2057113	37.223	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.964	276	2672752	39.283	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.023	278	2204139	39.753	ng/ul#	99
96) Benzo(g,h,i)perylene	29.034	276	2084800	40.458	ng/ul	98

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

