

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091724\
 Data File : BG062900.D
 Acq On : 17 Sep 2024 21:07
 Operator : JU/RC
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV402

Quant Time: Sep 18 00:52:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	48692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.647	136	207571	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.489	164	158309	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	378286	20.000	ng/u1	0.00
79) Chrysene-d12	21.487	240	376054	20.000	ng/u1	0.00
88) Perylene-d12	24.525	264	432263	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	11356m	6.831	ng/uL	0.00
4) Pyridine-d5	3.737	84	82322	18.241	ng/u1	0.00
7) Phenol-d5	7.028	99	98253	19.446	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	54208	19.172	ng/u1	0.00
11) 2-Chlorophenol-d4	7.392	132	64658	19.492	ng/u1	0.00
15) 4-Methylphenol-d8	8.567	113	72417	19.565	ng/u1	0.00
21) Nitrobenzene-d5	9.008	128	32597	19.712	ng/u1	0.00
24) 2-Nitrophenol-d4	9.730	143	39662	21.141	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.265	165	73633	18.917	ng/u1	0.00
31) 4-Chloroaniline-d4	10.776	131	95498	19.715	ng/u1	0.00
46) Dimethylphthalate-d6	13.896	166	226373	19.229	ng/u1	0.00
49) Acenaphthylene-d8	14.178	160	257040	19.549	ng/u1	0.00
54) 4-Nitrophenol-d4	14.695	143	35453	18.793	ng/u1	0.00
60) Fluorene-d10	15.482	176	211281	19.275	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	42758	18.698	ng/u1	0.00
73) Anthracene-d10	17.333	188	348354	19.485	ng/u1	0.00
81) Pyrene-d10	19.630	212	440017	19.319	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.313	264	438151	19.220	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	11802	7.174	ng/uL	98
5) Pyridine	3.755	79	84748	18.857	ng/u1#	95
6) Benzaldehyde	6.992	77	61171	22.121	ng/u1	90
8) Phenol	7.051	94	100145	19.000	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.280	93	68887	19.331	ng/u1	92
12) 2-Chlorophenol	7.421	128	65165	19.138	ng/u1	97
13) 2-Methylphenol	8.297	108	71286	19.553	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.373	45	86337	19.527	ng/u1	98
16) Acetophenone	8.673	105	119276	20.487	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.655	70	66836	19.659	ng/u1#	95
18) 4-Methylphenol	8.626	108	79522	19.930	ng/u1	99
19) Hexachloroethane	8.931	117	28611	19.779	ng/u1	94
22) Nitrobenzene	9.049	77	98021	19.966	ng/u1#	95
23) Isophorone	9.572	82	184364	18.857	ng/u1	98
25) 2-Nitrophenol	9.766	139	41111	19.956	ng/u1	94
26) 2,4-Dimethylphenol	9.824	107	84754	18.362	ng/u1#	92
27) Bis(2-Chloroethoxy)met...	10.053	93	98669	18.984	ng/u1#	90
29) 2,4-Dichlorophenol	10.294	162	74653	19.374	ng/u1	98
30) Naphthalene	10.694	128	226317	19.636	ng/u1#	96
32) 4-Chloroaniline	10.806	127	91133	19.323	ng/u1	99
33) Hexachlorobutadiene	10.982	225	61412	19.940	ng/u1	94
34) Caprolactam	11.552	113	25482m	19.865	ng/u1	
35) 4-Chloro-3-methylphenol	11.934	107	83923	18.950	ng/u1	98
36) 2-Methylnaphthalene	12.304	142	158157	19.043	ng/u1	96

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37) 1-Methylnaphthalene	12.521	142	160985	19.153	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	106852	19.045	ng/ul	95
40) Hexachlorocyclopentadiene	12.656	237	56127	18.857	ng/ul	93
41) 2,4,6-Trichlorophenol	12.921	196	67408	19.281	ng/ul	97
42) 2,4,5-Trichlorophenol	12.991	196	71801	19.549	ng/ul	90
43) 1,1'-Biphenyl	13.320	154	225844	19.205	ng/ul#	97
44) 2-Chloronaphthalene	13.361	162	182144	19.272	ng/ul	97
45) 2-Nitroaniline	13.567	65	65013	20.347	ng/ul	96
47) Dimethylphthalate	13.943	163	232223	19.280	ng/ul	99
48) 2,6-Dinitrotoluene	14.061	165	46231	20.116	ng/ul	96
50) Acenaphthylene	14.207	152	258531	18.676	ng/ul	98
51) 3-Nitroaniline	14.395	138	41423	20.098	ng/ul#	97
52) Acenaphthene	14.548	153	187100	18.609	ng/ul	93
53) 2,4-Dinitrophenol	14.595	184	23773	17.318	ng/ul	93
55) 4-Nitrophenol	14.707	109	40520	19.021	ng/ul	87
56) Dibenzofuran	14.889	168	286718	19.229	ng/ul	100
57) 2,4-Dinitrotoluene	14.854	165	69828	20.159	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.112	232	62126	18.797	ng/ul	98
59) Diethylphthalate	15.312	149	239500	17.871	ng/ul	98
61) Fluorene	15.541	166	217603	19.073	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.529	204	121580	19.313	ng/ul	95
63) 4-Nitroaniline	15.553	138	41636m	20.129	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.618	198	46226	18.897	ng/ul	97
67) N-Nitrosodiphenylamine	15.747	169	206281	19.418	ng/ul	97
68) 4-Bromophenyl-phenylether	16.428	248	78715	18.717	ng/ul	100
69) Hexachlorobenzene	16.546	284	96483	19.870	ng/ul	94
70) Atrazine	16.699	200	90358	20.507	ng/ul	94
71) Pentachlorophenol	16.893	266	49736m	17.962	ng/ul	
72) Phenanthrene	17.280	178	391355	19.474	ng/ul	98
74) Anthracene	17.368	178	397816	19.171	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.285	216	110138	19.093	ng/ul	97
76) Pentachlorobenzene	14.807	250	116835	19.190	ng/ul	96
77) Carbazole	17.639	167	330832	20.025	ng/ul	99
78) Di-n-butylphthalate	18.203	149	406063	19.110	ng/ul	99
80) Fluoranthene	19.296	202	478305	19.243	ng/ul#	97
82) Pyrene	19.660	202	503255	18.991	ng/ul	99
83) Butylbenzylphthalate	20.553	149	179843	19.528	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.387	252	176661	20.946	ng/ul	95
85) Benzo(a)anthracene	21.464	228	506278	19.004	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.387	149	257877	19.380	ng/ul	100
87) Chrysene	21.528	228	483688	19.405	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	448330	19.584	ng/ul	100
90) Benzo(b)fluoranthene	23.561	252	497441	18.902	ng/ul	98
91) Benzo(k)fluoranthene	23.620	252	505176	19.268	ng/ul	98
93) Benzo(a)pyrene	24.378	252	464677	18.783	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.938	276	568407	18.751	ng/ul	95
95) Dibenzo(a,h)anthracene	27.997	278	457042	18.860	ng/ul	97
96) Benzo(g,h,i)perylene	29.008	276	439407	18.878	ng/ul	98

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

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