

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061836.D
 Acq On : 2 Jul 2024 7:40
 Operator : MA/JU
 Sample : P2963-23MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

A4CS3MS

Manual Integrations

APPROVED

 Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 02 08:50:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 27 12:23:53 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	72562	20.000	ng/u1	0.00
20) Naphthalene-d8	10.870	136	345967	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.683	164	218923	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.427	188	467400m	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	349869	20.000	ng/u1	0.00
88) Perylene-d12	24.918	264	424335	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	9853	4.905	ng/uL	0.00
4) Pyridine-d5	3.878	84	38525	6.344	ng/u1	0.00
7) Phenol-d5	7.209	99	246607	31.306	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	148605	30.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.585	132	173643	32.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.761	113	185077	30.392	ng/u1	0.00
21) Nitrobenzene-d5	9.225	128	89072	37.918	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	99688	41.900	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	198715	35.273	ng/u1	0.00
31) 4-Chloroaniline-d4	10.999	131	37294	4.372	ng/u1	0.00
46) Dimethylphthalate-d6	14.090	166	564295	33.495	ng/u1	0.00
49) Acenaphthylene-d8	14.377	160	632564	34.262	ng/u1	0.00
54) 4-Nitrophenol-d4	14.877	143	95785	33.105	ng/u1	0.01
60) Fluorene-d10	15.676	176	492050	33.362	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	78897m	39.475	ng/u1	0.00
73) Anthracene-d10	17.533	188	738846	34.631	ng/u1	0.00
81) Pyrene-d10	19.806	212	637943	32.643	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.695	264	436225	21.524	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.496	88	27346	10.955	ng/uL#	93
5) Pyridine	3.896	79	81088	12.421	ng/u1	97
6) Benzaldehyde	7.192	77	116412m	30.031	ng/u1	
8) Phenol	7.239	94	296378	35.754	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.474	93	205592	32.952	ng/u1	95
12) 2-Chlorophenol	7.615	128	206126	38.008	ng/u1	90
13) 2-Methylphenol	8.490	108	205067	35.358	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.584	45	455006	35.696	ng/u1	99
16) Acetophenone	8.884	105	340740	33.981	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.866	70	175713	32.621	ng/u1	99
18) 4-Methylphenol	8.825	108	228443	35.159	ng/u1	91
19) Hexachloroethane	9.137	117	62617	28.796	ng/u1	89
22) Nitrobenzene	9.266	77	277762	41.045	ng/u1	96
23) Isophorone	9.789	82	520192	33.425	ng/u1	98
25) 2-Nitrophenol	9.977	139	116640	46.883	ng/u1#	81
26) 2,4-Dimethylphenol	10.030	107	252319	36.263	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.271	93	302875	34.402	ng/u1	97
29) 2,4-Dichlorophenol	10.511	162	207100	40.123	ng/u1	98
30) Naphthalene	10.917	128	705326	36.436	ng/u1	99
32) 4-Chloroaniline	11.023	127	82028	9.697	ng/u1	97
33) Hexachlorobutadiene	11.193	225	149179	41.841	ng/u1	96
34) Caprolactam	11.804	113	62710m	29.382	ng/u1	
35) 4-Chloro-3-methylphenol	12.139	107	252893	35.037	ng/u1	96
36) 2-Methylnaphthalene	12.521	142	490778	35.930	ng/u1	99

07/02/2024

Supervised By :mohammad
Jagrut

07/04/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.738	142	493716	33.876	ng/ul	93	07/02/2024
39) 1,2,4,5-Tetrachloroben...	12.879	216	263629	42.550	ng/ul	96	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.856	237	80558	21.853	ng/ul	96	ahmed
41) 2,4,6-Trichlorophenol	13.120	196	175039	43.788	ng/ul	93	
42) 2,4,5-Trichlorophenol	13.191	196	188873	43.349	ng/ul	89	
43) 1,1'-Biphenyl	13.520	154	641875	40.476	ng/ul	99	
44) 2-Chloronaphthalene	13.567	162	484123	39.743	ng/ul	100	07/04/2024
45) 2-Nitroaniline	13.766	65	209982	50.355	ng/ul	94	
47) Dimethylphthalate	14.137	163	596757	35.671	ng/ul	100	
48) 2,6-Dinitrotoluene	14.260	165	133497	48.088	ng/ul#	96	
50) Acenaphthylene	14.413	152	781914	37.940	ng/ul	98	
51) 3-Nitroaniline	14.589	138	83172	29.256	ng/ul#	89	
52) Acenaphthene	14.748	153	534247	37.431	ng/ul	94	
53) 2,4-Dinitrophenol	14.789	184	54705	38.778	ng/ul	92	
55) 4-Nitrophenol	14.895	109	119913	40.133	ng/ul	96	
56) Dibenzofuran	15.083	168	765053	38.304	ng/ul	93	
57) 2,4-Dinitrotoluene	15.047	165	194792	47.271	ng/ul	95	
58) 2,3,4,6-Tetrachlorophenol	15.306	232	166565	38.988	ng/ul#	97	
59) Diethylphthalate	15.500	149	635317	36.873	ng/ul	97	
61) Fluorene	15.735	166	622164	37.640	ng/ul	91	
62) 4-Chlorophenyl-phenyle...	15.723	204	304561	37.116	ng/ul	97	
63) 4-Nitroaniline	15.746	138	100192	33.267	ng/ul	96	
66) 4,6-Dinitro-2-methylph...	15.805	198	95078m	41.998	ng/ul		
67) N-Nitrosodiphenylamine	15.934	169	519986	43.021	ng/ul	96	
68) 4-Bromophenyl-phenylether	16.616	248	213518	44.367	ng/ul	96	
69) Hexachlorobenzene	16.728	284	182876	31.313	ng/ul	94	
70) Atrazine	16.886	200	139511	28.897	ng/ul	97	
71) Pentachlorophenol	17.074	266	136873m	38.474	ng/ul		
72) Phenanthrene	17.474	178	1304504m	53.051	ng/ul		
74) Anthracene	17.562	178	1011248	40.216	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.484	216	265920	51.065	ng/ul	96	
76) Pentachlorobenzene	15.000	250	236185	37.768	ng/ul	94	
77) Carbazole	17.832	167	748798	35.071	ng/ul	98	
78) Di-n-butylphthalate	18.385	149	1068333	41.837	ng/ul	99	
80) Fluoranthene	19.477	202	1620252	71.454	ng/ul	97	
82) Pyrene	19.842	202	1259104	52.221	ng/ul	94	
83) Butylbenzylphthalate	20.723	149	422501	48.128	ng/ul	97	
85) Benzo(a)anthracene	21.675	228	1295672	52.758	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.581	149	648911	50.287	ng/ul	97	
87) Chrysene	21.739	228	1278512	55.017	ng/ul	98	
89) Di-n-octyl phthalate	22.797	149	1045418	46.710	ng/ul	100	
90) Benzo(b)fluoranthene	23.896	252	1478224	57.951	ng/ul	98	
91) Benzo(k)fluoranthene	23.966	252	1203952	45.894	ng/ul	99	
93) Benzo(a)pyrene	24.765	252	604134	24.601	ng/ul	97	
94) Indeno(1,2,3-cd)pyrene	28.596	276	1082718	35.382	ng/ul	96	
95) Dibenzo(a,h)anthracene	28.661	278	1121221	44.063	ng/ul	99	
96) Benzo(g,h,i)perylene	29.736	276	118683m	4.811	ng/ul		

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

