

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062249.D
 Acq On : 5 Aug 2024 22:50
 Operator : MA/JU
 Sample : P3361-11MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

E20P2MS

Manual Integrations

APPROVED

 Reviewed By :Jagrut
 Upadhyay

Quant Time: Aug 06 03:11:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 06 02:21:27 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	66188	20.000	ng/u1	0.00
20) Naphthalene-d8	10.760	136	316922	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.584	164	245426	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	522366	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	497353	20.000	ng/u1	0.00
88) Perylene-d12	24.671	264	572490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	6561	4.274	ng/uL	0.00
4) Pyridine-d5	3.828	84	80842	16.741	ng/u1	0.00
7) Phenol-d5	7.118	99	158824	25.140	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	91582	23.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	116168	25.665	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	131581	25.005	ng/u1	0.00
21) Nitrobenzene-d5	9.115	128	55372	28.335	ng/u1	0.00
24) 2-Nitrophenol-d4	9.838	143	59279	32.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.372	165	140069	26.234	ng/u1	0.00
31) 4-Chloroaniline-d4	10.884	131	169124	21.839	ng/u1	0.00
46) Dimethylphthalate-d6	13.997	166	465124	24.564	ng/u1	0.00
49) Acenaphthylene-d8	14.279	160	533593	24.853	ng/u1	0.00
54) 4-Nitrophenol-d4	14.767	143	68216	25.732	ng/u1	0.00
60) Fluorene-d10	15.577	176	416084	24.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	47940	30.989	ng/u1	0.00
73) Anthracene-d10	17.422	188	625401	24.823	ng/u1	0.00
81) Pyrene-d10	19.707	212	784176	26.527	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.459	264	796203	26.016	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	16989	9.803	ng/uL	91
5) Pyridine	3.846	79	125843	25.071	ng/u1	98
6) Benzaldehyde	7.100	77	110508m	33.099	ng/u1	
8) Phenol	7.147	94	198248	29.740	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.388	93	138387	28.013	ng/u1	94
12) 2-Chlorophenol	7.529	128	142934	29.723	ng/u1	97
13) 2-Methylphenol	8.399	108	147804	29.406	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	287134	28.447	ng/u1	99
16) Acetophenone	8.781	105	240293	28.675	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.775	70	132728	29.803	ng/u1	98
18) 4-Methylphenol	8.728	108	166265	29.539	ng/u1	99
19) Hexachloroethane	9.051	117	51515	28.826	ng/u1	95
22) Nitrobenzene	9.162	77	176457	31.752	ng/u1	99
23) Isophorone	9.691	82	382609	28.619	ng/u1	99
25) 2-Nitrophenol	9.867	139	79878	35.822	ng/u1	93
26) 2,4-Dimethylphenol	9.926	107	173369	27.163	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.173	93	215306	28.558	ng/u1	97
29) 2,4-Dichlorophenol	10.402	162	164346	30.370	ng/u1	98
30) Naphthalene	10.813	128	502830	27.913	ng/u1	98
32) 4-Chloroaniline	10.913	127	180076	23.791	ng/u1	99
33) Hexachlorobutadiene	11.107	225	111627	27.255	ng/u1	97
34) Caprolactam	11.671	113	55909m	29.537	ng/u1	
35) 4-Chloro-3-methylphenol	12.029	107	184750	30.424	ng/u1	99
36) 2-Methylnaphthalene	12.417	142	367389	29.602	ng/u1	100

08/06/2024

Supervised By :mohammad
Jagrut

08/08/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.634	142	367179	28.555	ng/ul	99	08/06/2024
39) 1,2,4,5-Tetrachloroben...	12.781	216	216164	26.978	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.769	237	74407	23.894	ng/ul	95	ahmed
41) 2,4,6-Trichlorophenol	13.016	196	137626	29.614	ng/ul	99	
42) 2,4,5-Trichlorophenol	13.086	196	150154	29.988	ng/ul	98	
43) 1,1'-Biphenyl	13.421	154	492869	26.506	ng/ul	99	
44) 2-Chloronaphthalene	13.462	162	381765	26.422	ng/ul	99	08/08/2024
45) 2-Nitroaniline	13.656	65	126983	34.507	ng/ul	96	
47) Dimethylphthalate	14.044	163	529811	27.890	ng/ul	98	
48) 2,6-Dinitrotoluene	14.156	165	94253	36.340	ng/ul	95	
50) Acenaphthylene	14.308	152	645820	28.231	ng/ul	99	
51) 3-Nitroaniline	14.479	138	95098	32.208	ng/ul	99	
52) Acenaphthene	14.649	153	469213	27.550	ng/ul	99	
53) 2,4-Dinitrophenol	14.678	184	36960	35.839	ng/ul#	87	
55) 4-Nitrophenol	14.784	109	79928	33.707	ng/ul	98	
56) Dibenzofuran	14.984	168	658715	27.997	ng/ul	98	
57) 2,4-Dinitrotoluene	14.937	165	130196	36.594	ng/ul	93	
58) 2,3,4,6-Tetrachlorophenol	15.207	232	140676	31.200	ng/ul	98	
59) Diethylphthalate	15.413	149	521924	27.210	ng/ul	99	
61) Fluorene	15.636	166	496549	26.990	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.630	204	257686	27.167	ng/ul	96	
63) 4-Nitroaniline	15.642	138	96272	33.833	ng/ul	99	
66) 4,6-Dinitro-2-methylph...	15.701	198	65184	36.569	ng/ul	94	
67) N-Nitrosodiphenylamine	15.836	169	451192	28.824	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.523	248	174339	29.293	ng/ul	97	
69) Hexachlorobenzene	16.635	284	198463	28.665	ng/ul	96	
70) Atrazine	16.787	200	158961	26.507	ng/ul	97	
71) Pentachlorophenol	16.969	266	121543	33.339	ng/ul	99	
72) Phenanthrene	17.369	178	853053	29.015	ng/ul	100	
74) Anthracene	17.457	178	839262	27.813	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.386	216	212187	27.122	ng/ul	98	
76) Pentachlorobenzene	14.902	250	228158	27.877	ng/ul	94	
77) Carbazole	17.721	167	712894	28.807	ng/ul	99	
78) Di-n-butylphthalate	18.303	149	891283	30.268	ng/ul	100	
80) Fluoranthene	19.372	202	1024224	30.642	ng/ul	100	
82) Pyrene	19.736	202	1067013	29.976	ng/ul	99	
83) Butylbenzylphthalate	20.635	149	393466	32.028	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.469	252	315697	28.199	ng/ul	99	
85) Benzo(a)anthracene	21.551	228	1062360	29.167	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.493	149	587012	30.960	ng/ul	99	
87) Chrysene	21.616	228	1003114	29.173	ng/ul	99	
89) Di-n-octyl phthalate	22.679	149	1012739	31.055	ng/ul	100	
90) Benzo(b)fluoranthene	23.690	252	1034328	29.701	ng/ul	99	
91) Benzo(k)fluoranthene	23.760	252	995030	28.085	ng/ul	99	
93) Benzo(a)pyrene	24.524	252	928639	28.182	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	28.172	276	1257559	29.450	ng/ul	98	
95) Dibenzo(a,h)anthracene	28.242	278	1008376	28.913	ng/ul	99	
96) Benzo(g,h,i)perylene	29.265	276	967098	29.825	ng/ul	98	

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

