

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
 Data File : BG062396.D
 Acq On : 14 Aug 2024 15:36
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SICV437

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 14 16:13:17 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 14 15:31:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	40614	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	196626	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	159475	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	389553	20.000	ng/u1	0.00
79) Chrysene-d12	21.560	240	393654	20.000	ng/u1	0.00
88) Perylene-d12	24.655	264	434593	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	7245	6.773	ng/uL	0.00
4) Pyridine-d5	3.819	84	61377	18.829	ng/u1	0.00
7) Phenol-d5	7.114	99	76178	18.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	51908	20.396	ng/u1	0.00
11) 2-Chlorophenol-d4	7.490	132	56462	20.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.654	113	60792	17.950	ng/u1	0.00
21) Nitrobenzene-d5	9.106	128	27120	21.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	28261	22.530	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	66425	20.791	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	91710	18.101	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	237016	19.107	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	259609	18.901	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	40563	20.498	ng/u1	0.00
60) Fluorene-d10	15.568	176	210168	18.785	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	33523	18.940	ng/u1	-0.01
73) Anthracene-d10	17.418	188	346674	18.525	ng/u1	0.00
81) Pyrene-d10	19.697	212	442217	19.182	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.438	264	432004	18.731	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.455	88	8581	7.515	ng/uL	97
5) Pyridine	3.842	79	56008	16.330	ng/u1	91
6) Benzaldehyde	7.091	77	46079	22.000	ng/u1	98
8) Phenol	7.138	94	77974	18.392	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.373	93	58718	18.718	ng/u1	97
12) 2-Chlorophenol	7.520	128	56824	19.905	ng/u1	98
13) 2-Methylphenol	8.389	108	58218	18.249	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.477	45	117931	18.213	ng/u1	97
16) Acetophenone	8.771	105	106113	19.127	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.759	70	55401	18.924	ng/u1#	97
18) 4-Methylphenol	8.718	108	66413	18.175	ng/u1	99
19) Hexachloroethane	9.041	117	21767	19.163	ng/u1	95
22) Nitrobenzene	9.147	77	71025	19.941	ng/u1	97
23) Isophorone	9.676	82	156824	18.644	ng/u1	99
25) 2-Nitrophenol	9.858	139	31412	22.415	ng/u1	97
26) 2,4-Dimethylphenol	9.917	107	65204	17.062	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.157	93	89193	19.063	ng/u1	96
29) 2,4-Dichlorophenol	10.392	162	63694	19.414	ng/u1	99
30) Naphthalene	10.804	128	205804	18.047	ng/u1	99
32) 4-Chloroaniline	10.903	127	90039	18.279	ng/u1	100
33) Hexachlorobutadiene	11.091	225	45393	18.201	ng/u1	97
34) Caprolactam	11.655	113	25435m	19.221	ng/u1	
35) 4-Chloro-3-methylphenol	12.020	107	75395	19.639	ng/u1	94
36) 2-Methylnaphthalene	12.407	142	154916	19.236	ng/u1	97

08/15/2024

Supervised By :mohammad
 Ahmed

08/16/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.625	142	147529	17.954	ng/ul	95	08/15/2024
39) 1,2,4,5-Tetrachloroben...	12.771	216	96886	18.193	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.760	237	46818	17.151	ng/ul	97	ahmed
41) 2,4,6-Trichlorophenol	13.006	196	59980	19.579	ng/ul	97	
42) 2,4,5-Trichlorophenol	13.077	196	62783	19.520	ng/ul	99	
43) 1,1'-Biphenyl	13.412	154	223075	18.464	ng/ul	100	
44) 2-Chloronaphthalene	13.453	162	166243	17.782	ng/ul	98	08/16/2024
45) 2-Nitroaniline	13.647	65	52109	21.519	ng/ul	96	
47) Dimethylphthalate	14.034	163	233254	18.547	ng/ul	99	
48) 2,6-Dinitrotoluene	14.146	165	42372	23.590	ng/ul#	90	
50) Acenaphthylene	14.299	152	273037	18.567	ng/ul	100	
51) 3-Nitroaniline	14.475	138	45638	22.300	ng/ul	96	
52) Acenaphthene	14.640	153	199069	18.088	ng/ul	99	
53) 2,4-Dinitrophenol	14.675	184	20747	18.312	ng/ul	97	
55) 4-Nitrophenol	14.775	109	32553	19.165	ng/ul	92	
56) Dibenzofuran	14.974	168	289374	18.691	ng/ul	100	
57) 2,4-Dinitrotoluene	14.927	165	60558	22.148	ng/ul#	96	
58) 2,3,4,6-Tetrachlorophenol	15.198	232	67848	21.941	ng/ul	99	
59) Diethylphthalate	15.397	149	235799	18.787	ng/ul	97	
61) Fluorene	15.621	166	224967	18.436	ng/ul	98	
62) 4-Chlorophenyl-phenyle...	15.621	204	115592	18.434	ng/ul	97	
63) 4-Nitroaniline	15.626	138	48625	22.731	ng/ul	94	
66) 4,6-Dinitro-2-methylph...	15.691	198	37184	18.645	ng/ul	98	
67) N-Nitrosodiphenylamine	15.832	169	202644	17.945	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.513	248	77968	17.834	ng/ul	95	
69) Hexachlorobenzene	16.625	284	90633	17.794	ng/ul	98	
70) Atrazine	16.778	200	84600	17.967	ng/ul	98	
71) Pentachlorophenol	16.966	266	54728	18.412	ng/ul	98	
72) Phenanthrene	17.359	178	389014	17.772	ng/ul	98	
74) Anthracene	17.448	178	401584	17.909	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.377	216	95230	17.101	ng/ul	98	
76) Pentachlorobenzene	14.892	250	97269	16.651	ng/ul	96	
77) Carbazole	17.718	167	348436	18.499	ng/ul	99	
78) Di-n-butylphthalate	18.288	149	417350	18.522	ng/ul	99	
80) Fluoranthene	19.368	202	487790	18.939	ng/ul	99	
82) Pyrene	19.727	202	516496	18.606	ng/ul	99	
83) Butylbenzylphthalate	20.626	149	182719	19.541	ng/ul	95	
84) 3,3'-Dichlorobenzidine	21.460	252	182396	21.229	ng/ul	96	
85) Benzo(a)anthracene	21.542	228	513673	17.978	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.471	149	265346	19.423	ng/ul#	99	
87) Chrysene	21.607	228	486213	17.949	ng/ul	99	
89) Di-n-octyl phthalate	22.646	149	456044	19.676	ng/ul	100	
90) Benzo(b)fluoranthene	23.674	252	479723	18.273	ng/ul	99	
91) Benzo(k)fluoranthene	23.739	252	484391	18.279	ng/ul	100	
93) Benzo(a)pyrene	24.509	252	458607	18.529	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.133	276	574141	18.251	ng/ul	99	
95) Dibenzo(a,h)anthracene	28.204	278	471475	18.491	ng/ul	98	
96) Benzo(g,h,i)perylene	29.232	276	428851	17.726	ng/ul	99	

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

