

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
 Data File : BG061856.D
 Acq On : 2 Jul 2024 22:40
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV403

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 03 02:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	50792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	247131	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.722	164	173111	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	411271	20.000	ng/u1	0.00
79) Chrysene-d12	21.726	240	357896	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	415805	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	8682	6.423	ng/uL	0.00
4) Pyridine-d5	3.905	84	76667	18.447	ng/u1	0.00
7) Phenol-d5	7.249	99	102174	18.382	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.419	67	74683	21.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	76554	20.078	ng/u1	0.00
15) 4-Methylphenol-d8	8.800	113	83458	19.070	ng/u1	0.00
21) Nitrobenzene-d5	9.264	128	38929	20.712	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	45058	20.993	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	84920	20.512	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.038	131	120603	20.065	ng/u1	0.00
46) Dimethylphthalate-d6	14.123	166	282219	19.830	ng/u1	0.00
49) Acenaphthylene-d8	14.417	160	308080	20.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	45075	19.832	ng/u1	0.00
60) Fluorene-d10	15.709	176	245166	20.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	46025	21.309	ng/u1	0.00
73) Anthracene-d10	17.560	188	382764	19.934	ng/u1	0.00
81) Pyrene-d10	19.840	212	433082	20.573	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.746	264	431432	20.921	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.518	88	10120m	6.784	ng/uL	
5) Pyridine	3.923	79	68574	16.089	ng/u1	92
6) Benzaldehyde	7.231	77	58210	19.787	ng/u1	90
8) Phenol	7.278	94	102230	17.964	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.513	93	81960	18.747	ng/u1	95
12) 2-Chlorophenol	7.660	128	75556	19.451	ng/u1	96
13) 2-Methylphenol	8.535	108	74334	18.301	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.612	45	171644	17.971	ng/u1#	97
16) Acetophenone	8.923	105	135618	18.760	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.900	70	73283	18.107	ng/u1	95
18) 4-Methylphenol	8.864	108	81470	17.910	ng/u1	99
19) Hexachloroethane	9.182	117	30565	18.138	ng/u1	91
22) Nitrobenzene	9.305	77	103764	19.449	ng/u1	98
23) Isophorone	9.822	82	211153	17.518	ng/u1	100
25) 2-Nitrophenol	10.016	139	44545	20.351	ng/u1	88
26) 2,4-Dimethylphenol	10.069	107	74548	14.230	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.310	93	118743	17.889	ng/u1	97
29) 2,4-Dichlorophenol	10.551	162	75040	19.296	ng/u1	92
30) Naphthalene	10.962	128	264176	19.461	ng/u1#	94
32) 4-Chloroaniline	11.068	127	112808	19.127	ng/u1	98
33) Hexachlorobutadiene	11.232	225	54219	18.527	ng/u1#	77
34) Caprolactam	11.837	113	27601m	18.115	ng/u1	
35) 4-Chloro-3-methylphenol	12.178	107	102997	19.886	ng/u1	99
36) 2-Methylnaphthalene	12.554	142	188047	19.121	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.772	142	179995	17.612	ng/ul	98	07/03/2024 Supervised By :mohammad ahmed
39) 1,2,4,5-Tetrachloroben...	12.918	216	100971	19.423	ng/ul	90	
40) Hexachlorocyclopentadiene	12.889	237	66386	19.183	ng/ul	94	
41) 2,4,6-Trichlorophenol	13.153	196	66853	19.362	ng/ul	91	
42) 2,4,5-Trichlorophenol	13.230	196	73340	19.336	ng/ul	89	07/04/2024
43) 1,1'-Biphenyl	13.553	154	261097	19.575	ng/ul	96	
44) 2-Chloronaphthalene	13.600	162	193370	19.317	ng/ul	93	
45) 2-Nitroaniline	13.806	65	83599	20.854	ng/ul	97	
47) Dimethylphthalate	14.170	163	260973	19.064	ng/ul	100	
48) 2,6-Dinitrotoluene	14.293	165	54886	21.135	ng/ul	93	
50) Acenaphthylene	14.446	152	321437	19.680	ng/ul	97	
51) 3-Nitroaniline	14.622	138	56768	22.457	ng/ul#	98	
52) Acenaphthene	14.781	153	213029	18.889	ng/ul	98	
53) 2,4-Dinitrophenol	14.828	184	25430	18.743	ng/ul	94	
55) 4-Nitrophenol	14.928	109	50550	19.487	ng/ul#	91	
56) Dibenzofuran	15.116	168	311224	19.525	ng/ul	100	
57) 2,4-Dinitrotoluene	15.075	165	80632	21.172	ng/ul#	99	
58) 2,3,4,6-Tetrachlorophenol	15.339	232	69163	20.193	ng/ul#	96	
59) Diethylphthalate	15.527	149	270940	18.367	ng/ul	96	
61) Fluorene	15.762	166	256712	18.937	ng/ul	98	
62) 4-Chlorophenyl-phenyle...	15.750	204	128011	18.800	ng/ul	95	
63) 4-Nitroaniline	15.780	138	58648	22.865	ng/ul	97	
66) 4,6-Dinitro-2-methylph...	15.833	198	47542	20.452	ng/ul	92	
67) N-Nitrosodiphenylamine	15.968	169	221453	19.717	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.644	248	88356	18.937	ng/ul	96	
69) Hexachlorobenzene	16.755	284	103278	19.250	ng/ul	95	
70) Atrazine	16.908	200	76331	17.216	ng/ul	98	
71) Pentachlorophenol	17.102	266	55195m	18.716	ng/ul		
72) Phenanthrene	17.501	178	414287	19.104	ng/ul	99	
74) Anthracene	17.595	178	422530	18.854	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.524	216	103305	20.224	ng/ul	96	
76) Pentachlorobenzene	15.034	250	113309	19.449	ng/ul	96	
77) Carbazole	17.860	167	380661	20.183	ng/ul	99	
78) Di-n-butylphthalate	18.412	149	458797	18.947	ng/ul	99	
80) Fluoranthene	19.505	202	467104	18.750	ng/ul	98	
82) Pyrene	19.863	202	502161	19.513	ng/ul	99	
83) Butylbenzylphthalate	20.745	149	204597	18.944	ng/ul	91	
84) 3,3'-Dichlorobenzidine	21.614	252	195270	22.934	ng/ul	92	
85) Benzo(a)anthracene	21.702	228	495444	19.120	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.602	149	287991	18.583	ng/ul	99	
87) Chrysene	21.767	228	464057	19.130	ng/ul	99	
89) Di-n-octyl phthalate	22.824	149	507822	19.991	ng/ul	100	
90) Benzo(b)fluoranthene	23.929	252	496563	18.955	ng/ul	99	
91) Benzo(k)fluoranthene	24.000	252	506249	19.379	ng/ul	95	
93) Benzo(a)pyrene	24.810	252	473745	19.097	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	28.659	276	614776	19.393	ng/ul#	93	
95) Dibenzo(a,h)anthracene	28.729	278	509378	19.455	ng/ul	99	
96) Benzo(g,h,i)perylene	29.822	276	471230	18.685	ng/ul	95	

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

