

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062451.D
 Acq On : 16 Aug 2024 20:25
 Operator : MA/JU
 Sample : P3555-11MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DCXV9MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/17/2024

08/17/2024

Supervised By :mohammad
ahmed

08/17/2024

Quant Time: Aug 16 23:16:41 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	7.958	152	66247	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	313054	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.573	164	234494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	492901	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	456179	20.000	ng/u1	0.00
88) Perylene-d12	24.647	264	511584	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	4932	2.827	ng/uL	0.00
4) Pyridine-d5	3.834	84	7028	1.322	ng/u1	0.01
7) Phenol-d5	7.118	99	114215	17.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.289	67	72693	17.511	ng/u1	0.00
11) 2-Chlorophenol-d4	7.488	132	90996	20.213	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	68833	12.460	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	47281	23.551	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	52518	26.297	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	107159	21.066	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	22200	2.752	ng/u1	0.00
46) Dimethylphthalate-d6	13.985	166	334322	18.329	ng/u1	0.00
49) Acenaphthylene-d8	14.267	160	381155	18.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	52003	17.872	ng/u1	0.00
60) Fluorene-d10	15.566	176	305946	18.597	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	55040	24.577	ng/u1	0.00
73) Anthracene-d10	17.416	188	434828	18.364	ng/u1	0.00
81) Pyrene-d10	19.695	212	524847	19.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.430	264	420040	15.471	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.453	88	14206	7.627	ng/uL#	93
5) Pyridine	3.852	79	10038m	1.794	ng/u1	
6) Benzaldehyde	7.095	77	84277m	24.668	ng/u1	
8) Phenol	7.142	94	157621	22.793	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.377	93	108736	21.250	ng/u1	97
12) 2-Chlorophenol	7.524	128	112350	24.127	ng/u1	98
13) 2-Methylphenol	8.393	108	106194	20.407	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	220484	20.875	ng/u1	97
16) Acetophenone	8.775	105	197926	21.872	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	96929	20.298	ng/u1	99
18) 4-Methylphenol	8.722	108	122654	20.578	ng/u1	99
19) Hexachloroethane	9.039	117	38071	20.547	ng/u1	97
22) Nitrobenzene	9.151	77	142845	25.189	ng/u1	97
23) Isophorone	9.674	82	274202	20.474	ng/u1	100
25) 2-Nitrophenol	9.862	139	67669	30.329	ng/u1	95
26) 2,4-Dimethylphenol	9.920	107	65856	10.823	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.155	93	159502	21.412	ng/u1	100
29) 2,4-Dichlorophenol	10.396	162	127756	24.457	ng/u1	99
30) Naphthalene	10.801	128	391109	21.541	ng/u1	99
32) 4-Chloroaniline	10.901	127	108646	13.854	ng/u1	98
33) Hexachlorobutadiene	11.089	225	87605	22.063	ng/u1	98
34) Caprolactam	11.665	113	41517m	19.706	ng/u1	
35) 4-Chloro-3-methylphenol	12.023	107	141872	23.211	ng/u1	99
36) 2-Methylnaphthalene	12.405	142	278083	21.688	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	284190	21.723	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.769	216	179171	22.881	ng/ul	100
40) Hexachlorocyclopentadiene	12.752	237	67470	16.810	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	111876	24.837	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	124358	26.295	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	398597	22.437	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	315652	22.962	ng/ul	99
45) 2-Nitroaniline	13.651	65	106739	29.978	ng/ul	97
47) Dimethylphthalate	14.032	163	399791	21.619	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	78590	29.756	ng/ul	87
50) Acenaphthylene	14.297	152	479495	22.175	ng/ul	99
51) 3-Nitroaniline	14.467	138	68041	22.611	ng/ul	95
52) Acenaphthene	14.637	153	346198	21.393	ng/ul	99
53) 2,4-Dinitrophenol	14.673	184	45358m	27.227	ng/ul	
55) 4-Nitrophenol	14.778	109	59273	23.732	ng/ul	97
56) Dibenzofuran	14.972	168	491588	21.595	ng/ul	100
57) 2,4-Dinitrotoluene	14.931	165	112244	27.919	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.195	232	110505	24.303	ng/ul#	95
59) Diethylphthalate	15.395	149	390619	21.166	ng/ul	99
61) Fluorene	15.624	166	380168	21.188	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.618	204	198177	21.494	ng/ul	99
63) 4-Nitroaniline	15.630	138	69905	22.224	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.695	198	70848	28.076	ng/ul#	98
67) N-Nitrosodiphenylamine	15.830	169	335298	23.466	ng/ul	97
68) 4-Bromophenyl-phenylether	16.511	248	133975	24.220	ng/ul	94
69) Hexachlorobenzene	16.623	284	134273	20.835	ng/ul	97
70) Atrazine	16.776	200	106838	17.932	ng/ul	98
71) Pentachlorophenol	16.964	266	101355	26.950	ng/ul	97
72) Phenanthrene	17.357	178	624767	22.557	ng/ul	99
74) Anthracene	17.451	178	600996	21.183	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.374	216	173341	24.601	ng/ul	98
76) Pentachlorobenzene	14.896	250	166890	22.579	ng/ul	98
77) Carbazole	17.716	167	507259	21.284	ng/ul	99
78) Di-n-butylphthalate	18.280	149	678718	23.806	ng/ul	100
80) Fluoranthene	19.366	202	777954	26.066	ng/ul	99
82) Pyrene	19.725	202	732340	22.766	ng/ul	100
83) Butylbenzylphthalate	20.618	149	291500	26.902	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.458	252	103996	10.445	ng/ul	99
85) Benzo(a)anthracene	21.540	228	785149	23.713	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	422548	26.690	ng/ul	99
87) Chrysene	21.604	228	752129	23.961	ng/ul	99
89) Di-n-octyl phthalate	22.632	149	726776	26.638	ng/ul	100
90) Benzo(b)fluoranthene	23.672	252	757523	24.512	ng/ul	99
91) Benzo(k)fluoranthene	23.731	252	733727	23.521	ng/ul	98
93) Benzo(a)pyrene	24.501	252	443993	15.239	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.137	276	735126	19.852	ng/ul	98
95) Dibenzo(a,h)anthracene	28.201	278	721122	24.025	ng/ul	99
96) Benzo(g,h,i)perylene	29.218	276	83665m	2.938	ng/ul	

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

