

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062438.D
 Acq On : 16 Aug 2024 10:01
 Operator : MA/JU
 Sample : PB162719BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS719

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 17 00:03:24 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	59936	20.000	ng/u1	0.00
20) Naphthalene-d8	10.754	136	295256	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.578	164	218279	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	474234	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	460952	20.000	ng/u1	0.00
88) Perylene-d12	24.653	264	529585	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	8084	5.121	ng/uL	0.00
4) Pyridine-d5	3.822	84	101241	21.046	ng/u1	0.00
7) Phenol-d5	7.118	99	161792	27.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	96272	25.633	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	116981	28.721	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	128638	25.738	ng/u1	0.00
21) Nitrobenzene-d5	9.109	128	61072	32.254	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	67251	35.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.372	165	136351	28.421	ng/u1	0.00
31) 4-Chloroaniline-d4	10.877	131	166792	21.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.985	166	434644	25.599	ng/u1	0.00
49) Acenaphthylene-d8	14.273	160	492416	26.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.766	143	73626	27.182	ng/u1	0.00
60) Fluorene-d10	15.571	176	396437	25.888	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.683	200	72666	33.724	ng/u1	0.00
73) Anthracene-d10	17.415	188	591229	25.952	ng/u1	0.00
81) Pyrene-d10	19.701	212	735091	27.230	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.441	264	738067	26.261	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	14536	8.626	ng/uL#	96
5) Pyridine	3.840	79	111917	22.111	ng/u1	87
6) Benzaldehyde	7.094	77	73685m	23.839	ng/u1	
8) Phenol	7.147	94	167901	26.836	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.376	93	120487	26.026	ng/u1	100
12) 2-Chlorophenol	7.523	128	123581	29.333	ng/u1	99
13) 2-Methylphenol	8.392	108	125022	26.555	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.480	45	242972	25.427	ng/u1	97
16) Acetophenone	8.774	105	201919	24.663	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.762	70	106843	24.730	ng/u1	98
18) 4-Methylphenol	8.721	108	139888	25.941	ng/u1	98
19) Hexachloroethane	9.039	117	46693	27.854	ng/u1	97
22) Nitrobenzene	9.150	77	155550	29.083	ng/u1	98
23) Isophorone	9.679	82	296594	23.481	ng/u1	100
25) 2-Nitrophenol	9.861	139	72148	34.286	ng/u1	99
26) 2,4-Dimethylphenol	9.920	107	122456	21.339	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.161	93	173161	24.646	ng/u1	100
29) 2,4-Dichlorophenol	10.396	162	135558	27.515	ng/u1	98
30) Naphthalene	10.801	128	443690	25.910	ng/u1	100
32) 4-Chloroaniline	10.907	127	148918	20.133	ng/u1	98
33) Hexachlorobutadiene	11.095	225	94032	25.109	ng/u1	97
34) Caprolactam	11.659	113	45654m	22.976	ng/u1	
35) 4-Chloro-3-methylphenol	12.023	107	156357	27.123	ng/u1	99
36) 2-Methylnaphthalene	12.405	142	305318	25.247	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	304756	24.699	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	192031	26.345	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	74492	19.938	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	108756	25.937	ng/ul	97
42) 2,4,5-Trichlorophenol	13.080	196	122232	27.766	ng/ul	97
43) 1,1'-Biphenyl	13.415	154	434302	26.263	ng/ul	98
44) 2-Chloronaphthalene	13.456	162	343060	26.809	ng/ul	98
45) 2-Nitroaniline	13.650	65	112077	33.816	ng/ul	96
47) Dimethylphthalate	14.032	163	441250	25.633	ng/ul	100
48) 2,6-Dinitrotoluene	14.149	165	84834	34.506	ng/ul	89
50) Acenaphthylene	14.302	152	545152	27.084	ng/ul	98
51) 3-Nitroaniline	14.472	138	84517	30.172	ng/ul	99
52) Acenaphthene	14.643	153	383594	25.465	ng/ul	97
53) 2,4-Dinitrophenol	14.678	184	48516	31.286	ng/ul	89
55) 4-Nitrophenol	14.778	109	62540	26.900	ng/ul	98
56) Dibenzofuran	14.978	168	540664	25.515	ng/ul	99
57) 2,4-Dinitrotoluene	14.931	165	125001	33.401	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.201	232	98503	23.272	ng/ul	100
59) Diethylphthalate	15.401	149	435355	25.342	ng/ul	98
61) Fluorene	15.624	166	422779	25.313	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.618	204	218717	25.483	ng/ul	98
63) 4-Nitroaniline	15.636	138	85904	29.340	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.694	198	77825	32.055	ng/ul#	96
67) N-Nitrosodiphenylamine	15.829	169	372967	27.130	ng/ul	98
68) 4-Bromophenyl-phenylether	16.511	248	149445	28.080	ng/ul	97
69) Hexachlorobenzene	16.628	284	168765	27.217	ng/ul	97
70) Atrazine	16.769	200	8199	1.430	ng/ul	94
71) Pentachlorophenol	16.969	266	78903	21.806	ng/ul	98
72) Phenanthrene	17.363	178	695873	26.114	ng/ul	99
74) Anthracene	17.451	178	705381	25.841	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	194578	28.702	ng/ul	98
76) Pentachlorobenzene	14.895	250	191640	26.948	ng/ul	97
77) Carbazole	17.715	167	595549	25.973	ng/ul	99
78) Di-n-butylphthalate	18.285	149	737977	26.903	ng/ul	98
80) Fluoranthene	19.366	202	837393	27.767	ng/ul	99
82) Pyrene	19.730	202	871464	26.810	ng/ul	99
83) Butylbenzylphthalate	20.623	149	315495	28.815	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	292259	29.050	ng/ul	99
85) Benzo(a)anthracene	21.539	228	904176	27.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	476581	29.792	ng/ul	99
87) Chrysene	21.604	228	844373	26.621	ng/ul	98
89) Di-n-octyl phthalate	22.638	149	829110	29.355	ng/ul	100
90) Benzo(b)fluoranthene	23.672	252	863653	26.996	ng/ul	98
91) Benzo(k)fluoranthene	23.742	252	876439	27.141	ng/ul	99
93) Benzo(a)pyrene	24.506	252	785206	26.035	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.142	276	999470	26.073	ng/ul	98
95) Dibenzo(a,h)anthracene	28.213	278	827568	26.634	ng/ul	99
96) Benzo(g,h,i)perylene	29.229	276	758262	25.720	ng/ul	98

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

