

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062456.D
 Acq On : 16 Aug 2024 23:50
 Operator : MA/JU
 Sample : PB162801BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS801

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/17/2024

Supervised By :mohammad

ahmed

08/17/2024

Quant Time: Aug 17 00:34:12 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	7.959	152	61293	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	296586	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.573	164	226444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.317	188	542355	20.000	ng/u1	0.00
79) Chrysene-d12	21.558	240	466028	20.000	ng/u1	0.00
88) Perylene-d12	24.642	264	547302	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	9467	5.864	ng/uL	0.00
4) Pyridine-d5	3.823	84	132363	26.906	ng/u1	0.00
7) Phenol-d5	7.119	99	166640	27.329	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	98042	25.526	ng/u1	0.00
11) 2-Chlorophenol-d4	7.489	132	121473	29.164	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	134363	26.289	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	64948	34.147	ng/u1	0.00
24) 2-Nitrophenol-d4	9.833	143	73039	38.603	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	150069	31.140	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	169770	22.214	ng/u1	0.00
46) Dimethylphthalate-d6	13.980	166	452622	25.697	ng/u1	0.00
49) Acenaphthylene-d8	14.268	160	526685	27.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.767	143	81434	28.981	ng/u1	0.00
60) Fluorene-d10	15.566	176	410525	25.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	78982	32.051	ng/u1	0.00
73) Anthracene-d10	17.417	188	695666	26.701	ng/u1	0.00
81) Pyrene-d10	19.696	212	771928	28.283	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.436	264	790764	27.225	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	18007	10.449	ng/uL	92
5) Pyridine	3.847	79	140169	27.080	ng/u1	94
6) Benzaldehyde	7.095	77	76122	24.082	ng/u1	96
8) Phenol	7.142	94	175962	27.502	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.377	93	123288	26.041	ng/u1	98
12) 2-Chlorophenol	7.524	128	127226	29.530	ng/u1	98
13) 2-Methylphenol	8.393	108	154490	32.087	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.482	45	244944	25.066	ng/u1	99
16) Acetophenone	8.775	105	211198	25.225	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.764	70	111331	25.198	ng/u1	97
18) 4-Methylphenol	8.722	108	142561	25.851	ng/u1	99
19) Hexachloroethane	9.040	117	50555	29.491	ng/u1	95
22) Nitrobenzene	9.151	77	167985	31.268	ng/u1	98
23) Isophorone	9.680	82	310228	24.450	ng/u1	99
25) 2-Nitrophenol	9.862	139	77077	36.464	ng/u1	93
26) 2,4-Dimethylphenol	9.921	107	133379	23.138	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.156	93	185974	26.351	ng/u1	97
29) 2,4-Dichlorophenol	10.397	162	149283	30.165	ng/u1	98
30) Naphthalene	10.802	128	459518	26.714	ng/u1	99
32) 4-Chloroaniline	10.902	127	154755	20.829	ng/u1	100
33) Hexachlorobutadiene	11.090	225	99098	26.343	ng/u1	98
34) Caprolactam	11.666	113	48492m	24.294	ng/u1	
35) 4-Chloro-3-methylphenol	12.024	107	165961	28.660	ng/u1	98
36) 2-Methylnaphthalene	12.406	142	321498	26.466	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	322800	26.045	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.770	216	207281	27.412	ng/ul	100
40) Hexachlorocyclopentadiene	12.758	237	66314	17.109	ng/ul	96
41) 2,4,6-Trichlorophenol	13.005	196	117564	27.027	ng/ul	94
42) 2,4,5-Trichlorophenol	13.081	196	133032	29.129	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	457369	26.660	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	362733	27.324	ng/ul	98
45) 2-Nitroaniline	13.651	65	120543	35.058	ng/ul	96
47) Dimethylphthalate	14.033	163	459761	25.746	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	91460	35.860	ng/ul	89
50) Acenaphthylene	14.297	152	579987	27.776	ng/ul	98
51) 3-Nitroaniline	14.473	138	92096	31.692	ng/ul	97
52) Acenaphthene	14.638	153	405016	25.918	ng/ul	98
53) 2,4-Dinitrophenol	14.673	184	53544	33.283	ng/ul	86
55) 4-Nitrophenol	14.779	109	67683	28.062	ng/ul	99
56) Dibenzofuran	14.973	168	590421	26.858	ng/ul	98
57) 2,4-Dinitrotoluene	14.932	165	138951	35.790	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.196	232	103416	23.552	ng/ul	95
59) Diethylphthalate	15.396	149	443229	24.870	ng/ul	98
61) Fluorene	15.625	166	433282	25.007	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.619	204	225324	25.307	ng/ul	99
63) 4-Nitroaniline	15.637	138	92359	30.407	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.695	198	86342	31.096	ng/ul#	99
67) N-Nitrosodiphenylamine	15.825	169	444290	28.258	ng/ul	98
68) 4-Bromophenyl-phenylether	16.512	248	175179	28.781	ng/ul	98
69) Hexachlorobenzene	16.624	284	198882	28.046	ng/ul	99
70) Atrazine	16.770	200	11017	1.681	ng/ul	98
71) Pentachlorophenol	16.964	266	95224	23.011	ng/ul	96
72) Phenanthrene	17.358	178	817911	26.838	ng/ul	99
74) Anthracene	17.452	178	829964	26.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	207342	26.743	ng/ul	99
76) Pentachlorobenzene	14.896	250	203703	25.047	ng/ul	99
77) Carbazole	17.716	167	707932	26.996	ng/ul	98
78) Di-n-butylphthalate	18.280	149	870815	27.759	ng/ul	99
80) Fluoranthene	19.361	202	859702	28.196	ng/ul	98
82) Pyrene	19.725	202	906220	27.575	ng/ul	100
83) Butylbenzylphthalate	20.618	149	351333	31.738	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.458	252	304682	29.955	ng/ul	97
85) Benzo(a)anthracene	21.540	228	949335	28.066	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.464	149	507840	31.400	ng/ul	99
87) Chrysene	21.605	228	894823	27.904	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	896742	30.722	ng/ul	100
90) Benzo(b)fluoranthene	23.673	252	930597	28.147	ng/ul	98
91) Benzo(k)fluoranthene	23.732	252	914363	27.399	ng/ul	99
93) Benzo(a)pyrene	24.501	252	820380	26.320	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.131	276	1081196	27.292	ng/ul	100
95) Dibenzo(a,h)anthracene	28.196	278	899721	28.019	ng/ul	98
96) Benzo(g,h,i)perylene	29.218	276	833022	27.341	ng/ul	98

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

