

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
 Data File : BG062393.D
 Acq On : 14 Aug 2024 13:31
 Operator : MA/JU
 Sample : SSTD04049
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD040434

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024

Supervised By :mohammad

ahmed

08/16/2024

Quant Time: Aug 14 15:23:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:13:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	41935	20.000	ng/u1	0.00
20) Naphthalene-d8	10.754	136	198674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.578	164	157791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	375463	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	383910	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	439622	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	16921	16.634	ng/uL	0.00
4) Pyridine-d5	3.822	84	134369	42.992	ng/u1	0.00
7) Phenol-d5	7.118	99	161608	40.107	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	101224	40.543	ng/u1	0.00
11) 2-Chlorophenol-d4	7.488	132	116127	40.544	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	136027	40.346	ng/u1	0.00
21) Nitrobenzene-d5	9.115	128	55293	44.545	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	57512	48.777	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.372	165	135500	40.659	ng/u1	0.00
31) 4-Chloroaniline-d4	10.883	131	204893	41.829	ng/u1	0.00
46) Dimethylphthalate-d6	13.991	166	493977	40.433	ng/u1	0.00
49) Acenaphthylene-d8	14.273	160	544972	39.606	ng/u1	0.00
54) 4-Nitrophenol-d4	14.772	143	82528	46.736	ng/u1	0.01
60) Fluorene-d10	15.571	176	441688	40.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.683	200	67995	55.458	ng/u1	0.00
73) Anthracene-d10	17.422	188	721535	40.037	ng/u1	0.00
81) Pyrene-d10	19.701	212	914860	39.983	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.447	264	943935	40.317	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	17517	16.032	ng/uL	96
5) Pyridine	3.846	79	138418	42.455	ng/u1	95
6) Benzaldehyde	7.094	77	94021	43.206	ng/u1	99
8) Phenol	7.147	94	171965	40.416	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.382	93	127584	40.583	ng/u1	97
12) 2-Chlorophenol	7.523	128	121531	40.156	ng/u1	97
13) 2-Methylphenol	8.393	108	127186	39.730	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	260115	40.349	ng/u1	97
16) Acetophenone	8.774	105	225237	41.753	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	122687	42.768	ng/u1	97
18) 4-Methylphenol	8.722	108	146055	40.451	ng/u1	98
19) Hexachloroethane	9.039	117	46453	40.517	ng/u1	97
22) Nitrobenzene	9.156	77	156287	44.651	ng/u1	99
23) Isophorone	9.679	82	342205	40.574	ng/u1	99
25) 2-Nitrophenol	9.867	139	65959	47.400	ng/u1	97
26) 2,4-Dimethylphenol	9.926	107	157560	39.508	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.161	93	187662	39.589	ng/u1	99
29) 2,4-Dichlorophenol	10.396	162	136405	40.205	ng/u1	99
30) Naphthalene	10.807	128	459644	40.634	ng/u1	98
32) 4-Chloroaniline	10.907	127	199485	41.680	ng/u1	100
33) Hexachlorobutadiene	11.095	225	100917	39.483	ng/u1	98
34) Caprolactam	11.665	113	55415m	45.402	ng/u1	
35) 4-Chloro-3-methylphenol	12.029	107	165131	42.995	ng/u1	99
36) 2-Methylnaphthalene	12.411	142	328696	41.827	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	331059	40.849	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.775	216	205953	40.006	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	106690	50.238	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	127982	42.780	ng/ul	99
42) 2,4,5-Trichlorophenol	13.080	196	135781	42.528	ng/ul	98
43) 1,1'-Biphenyl	13.415	154	470446	39.704	ng/ul	99
44) 2-Chloronaphthalene	13.456	162	364630	39.668	ng/ul	99
45) 2-Nitroaniline	13.656	65	109493	46.248	ng/ul	97
47) Dimethylphthalate	14.038	163	498409	40.606	ng/ul	99
48) 2,6-Dinitrotoluene	14.150	165	83362	49.654	ng/ul	93
50) Acenaphthylene	14.302	152	579741	39.561	ng/ul	99
51) 3-Nitroaniline	14.473	138	88320	45.325	ng/ul	98
52) Acenaphthene	14.643	153	431361	39.400	ng/ul	98
53) 2,4-Dinitrophenol	14.678	184	44124	58.416	ng/ul	92
55) 4-Nitrophenol	14.784	109	71099	45.978	ng/ul	97
56) Dibenzofuran	14.978	168	608508	40.223	ng/ul	99
57) 2,4-Dinitrotoluene	14.937	165	126067	53.084	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.201	232	133085	45.578	ng/ul#	100
59) Diethylphthalate	15.401	149	492445	39.676	ng/ul	99
61) Fluorene	15.630	166	477151	40.098	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.624	204	245816	40.104	ng/ul	97
63) 4-Nitroaniline	15.642	138	92426	48.210	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.700	198	79190	56.466	ng/ul#	98
67) N-Nitrosodiphenylamine	15.830	169	437774	39.239	ng/ul	99
68) 4-Bromophenyl-phenylether	16.517	248	171184	40.381	ng/ul	95
69) Hexachlorobenzene	16.629	284	196132	39.584	ng/ul	98
70) Atrazine	16.781	200	181619	41.758	ng/ul	99
71) Pentachlorophenol	16.969	266	116372	43.677	ng/ul	99
72) Phenanthrene	17.363	178	834921	39.597	ng/ul	99
74) Anthracene	17.457	178	864054	39.906	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	212256	38.629	ng/ul	98
76) Pentachlorobenzene	14.901	250	222224	38.366	ng/ul	99
77) Carbazole	17.721	167	740531	41.523	ng/ul	99
78) Di-n-butylphthalate	18.291	149	885211	41.700	ng/ul	99
80) Fluoranthene	19.372	202	1013595	39.058	ng/ul	99
82) Pyrene	19.730	202	1096298	39.667	ng/ul	99
83) Butylbenzylphthalate	20.629	149	394430	41.675	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	360570	41.389	ng/ul	97
85) Benzo(a)anthracene	21.545	228	1111810	39.487	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	569910	39.300	ng/ul#	100
87) Chrysene	21.610	228	1033419	38.862	ng/ul	97
89) Di-n-octyl phthalate	22.650	149	973394	39.358	ng/ul	100
90) Benzo(b)fluoranthene	23.678	252	1076938	40.493	ng/ul	99
91) Benzo(k)fluoranthene	23.748	252	1072603	39.509	ng/ul	100
93) Benzo(a)pyrene	24.518	252	1005337	39.822	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.154	276	1303496	40.082	ng/ul	99
95) Dibenzo(a,h)anthracene	28.225	278	1057837	39.735	ng/ul	99
96) Benzo(g,h,i)perylene	29.247	276	995568	40.201	ng/ul	98

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

