

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052224\
 Data File : BG061264.D
 Acq On : 22 May 2024 17:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020492

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024

Supervised By :mohammad
ahmed

05/24/2024

Quant Time: May 22 23:56:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	23539	20.000	ng/u1	0.00
20) Naphthalene-d8	10.684	136	104434	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.521	164	123511	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.270	188	437203	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.524	240	466704	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	511364	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3787	9.003	ng/uL	0.00
4) Pyridine-d5	3.745	84	28509	19.052	ng/u1	0.00
7) Phenol-d5	7.065	99	36143	18.698	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	23555	19.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	27742	19.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	33798	20.505	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	16101	20.024	ng/u1	0.00
24) 2-Nitrophenol-d4	9.767	143	18300	19.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	37414	20.394	ng/u1	0.00
31) 4-Chloroaniline-d4	10.819	131	49967	20.818	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	252446	26.353	ng/u1	0.00
49) Acenaphthylene-d8	14.215	160	191666	19.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	34498	29.129	ng/u1	0.00
60) Fluorene-d10	15.514	176	206078	24.918	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	52959	20.028	ng/u1	0.00
73) Anthracene-d10	17.370	188	384629	19.955	ng/u1	0.00
81) Pyrene-d10	19.662	212	467342	19.503	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.403	264	480315	19.538	ng/u1	0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.375	88	4433	8.781	ng/uL	90
5) Pyridine	3.769	79	29063	19.637	ng/u1	92
6) Benzaldehyde	7.029	77	21996	21.762	ng/u1	98
8) Phenol	7.094	94	37216	18.896	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.306	93	28369	19.692	ng/u1	98
12) 2-Chlorophenol	7.458	128	29156	19.284	ng/u1	97
13) 2-Methylphenol	8.340	108	29618	19.404	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	81184	20.866	ng/u1	98
16) Acetophenone	8.704	105	53642	19.069	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.692	70	29437	19.032	ng/u1#	98
18) 4-Methylphenol	8.669	108	33175	19.616	ng/u1	99
19) Hexachloroethane	8.963	117	12353	18.363	ng/u1	98
22) Nitrobenzene	9.086	77	43348	19.656	ng/u1	96
23) Isophorone	9.609	82	89420	19.933	ng/u1	99
25) 2-Nitrophenol	9.797	139	20454	20.025	ng/u1	98
26) 2,4-Dimethylphenol	9.861	107	39545	19.539	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.091	93	44387	19.738	ng/u1#	94
29) 2,4-Dichlorophenol	10.337	162	33689	19.937	ng/u1	99
30) Naphthalene	10.731	128	111199	20.173	ng/u1	100
32) 4-Chloroaniline	10.843	127	49328	20.681	ng/u1	99
33) Hexachlorobutadiene	11.019	225	33086	20.032	ng/u1	92
34) Caprolactam	11.607	113	24372m	37.701	ng/u1	
35) 4-Chloro-3-methylphenol	11.983	107	65247	29.871	ng/u1	93
36) 2-Methylnaphthalene	12.341	142	79547	19.900	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.564	142	80744	19.682	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.711	216	61621	15.111	ng/ul	98
40) Hexachlorocyclopentadiene	12.693	237	19214	10.439	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.958	196	48535	21.131	ng/ul	92
42) 2,4,5-Trichlorophenol	13.040	196	59994	24.803	ng/ul	98
43) 1,1'-Biphenyl	13.352	154	127748	15.995	ng/ul	95
44) 2-Chloronaphthalene	13.399	162	103677	16.496	ng/ul	100
45) 2-Nitroaniline	13.604	65	67943	26.192	ng/ul	98
47) Dimethylphthalate	13.980	163	263132	26.355	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	51964	26.540	ng/ul	96
50) Acenaphthylene	14.245	152	210066	19.022	ng/ul	99
51) 3-Nitroaniline	14.427	138	48484	28.534	ng/ul	98
52) Acenaphthene	14.585	153	146356	20.203	ng/ul	95
53) 2,4-Dinitrophenol	14.650	184	28516	27.465	ng/ul	94
55) 4-Nitrophenol	14.768	109	41379	29.717	ng/ul	93
56) Dibenzofuran	14.920	168	224643	21.688	ng/ul	100
57) 2,4-Dinitrotoluene	14.897	165	82691	27.759	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.155	232	58411	26.477	ng/ul	99
59) Diethylphthalate	15.343	149	265532	26.932	ng/ul	99
61) Fluorene	15.572	166	218014	24.326	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.567	204	126478	24.063	ng/ul	100
63) 4-Nitroaniline	15.596	138	53131	30.022	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.666	198	56110	20.247	ng/ul	95
67) N-Nitrosodiphenylamine	15.778	169	209586	19.073	ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	100065	19.316	ng/ul	98
69) Hexachlorobenzene	16.583	284	114922	19.959	ng/ul	95
70) Atrazine	16.730	200	47314	10.880	ng/ul	100
71) Pentachlorophenol	16.936	266	37835m	18.879	ng/ul	
72) Phenanthrene	17.312	178	419801	19.783	ng/ul	98
74) Anthracene	17.406	178	430537	19.623	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	66915	11.579	ng/uL	93
76) Pentachlorobenzene	14.844	250	104057	16.286	ng/uL	97
77) Carbazole	17.676	167	362999	20.341	ng/ul	99
78) Di-n-butylphthalate	18.234	149	459856	20.565	ng/ul	100
80) Fluoranthene	19.327	202	563684	19.608	ng/ul	100
82) Pyrene	19.691	202	573434	19.217	ng/ul	99
83) Butylbenzylphthalate	20.578	149	204435	19.943	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.419	252	191745	19.356	ng/ul#	97
85) Benzo(a)anthracene	21.501	228	626082	19.442	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	299031	19.708	ng/ul	95
87) Chrysene	21.565	228	581623	19.615	ng/ul	98
89) Di-n-octyl phthalate	22.576	149	513333	20.065	ng/ul	100
90) Benzo(b)fluoranthene	23.634	252	600484	19.723	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	612000	19.801	ng/ul	96
93) Benzo(a)pyrene	24.468	252	571373	19.763	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.105	276	689411m	19.719	ng/ul	
95) Dibenzo(a,h)anthracene	28.169	278	567308	19.679	ng/ul	96
96) Benzo(g,h,i)perylene	29.198	276	549568	19.759	ng/ul	97

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

