Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061892.D
Acq On : 4 Jul 2024 11:06
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020554

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 22:59:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	36017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.906	136	174213	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.713	164	132391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	324162	20.000	ng/ul	0.00
79) Chrysene-d12	21.717	240	300935	20.000	ng/ul	0.00
88) Perylene-d12	24.954	264	347823	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.485	96	6731	7.023	ng/uL	0.00
4) Pyridine-d5	3.902	84	49652	16.848	ng/ul	0.00
7) Phenol-d5	7.245	99	75220	19.084	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	44844	17.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.621	132	51777	19.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.796	113	61973	19.969	ng/ul	0.00
21) Nitrobenzene-d5	9.261	128	27414	20.691	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	32529	21.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.518	165	63010	21.590	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.041	131	85931	20.281	ng/ul	0.00
46) Dimethylphthalate-d6	14.114	166	210967	19.383	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	229720	20.184	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	34670	19.946	ng/ul	0.00
60) Fluorene-d10	15.706	176	185824	20.280	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.818	200	37827	22.219	ng/ul	0.00
73) Anthracene-d10	17.557	188	307752	20.334	ng/ul	0.00
81) Pyrene-d10	19.836	212	340146	19.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.731	264	362110	20.992	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.520	88	7074	6.687	ng/uL#	73
5) Pyridine	3.926	79	50412	16.680	ng/ul	93
6) Benzaldehyde	7.234	77	42531	20.388	ng/ul	87
8) Phenol	7.275	94	76101	18.858	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.510	93	59071	19.055	ng/ul	97
12) 2-Chlorophenol	7.657	128	52792	19.166	ng/ul	98
13) 2-Methylphenol	8.532	108	53061	18.422	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.614	45	117934	17.413	ng/ul#	96
16) Acetophenone	8.920	105	96702	18.864	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.896	70	51166	17.828	ng/ul#	97
18) 4-Methylphenol	8.861	108	59704	18.510	ng/ul	97
19) Hexachloroethane	9.178	117	22805	19.085	ng/ul	93
22) Nitrobenzene	9.302	77	79171	21.051	ng/ul	96
23) Isophorone	9.819	82	155111	18.255	ng/ul#	97
25) 2-Nitrophenol	10.019	139	32438	21.022	ng/ul	92
26) 2,4-Dimethylphenol	10.066	107	76812	20.800	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.306	93	85347	18.240	ng/ul	99
29) 2,4-Dichlorophenol	10.547	162	55629	20.292	ng/ul	92
30) Naphthalene	10.959	128	192378	20.103	ng/ul#	96
32) 4-Chloroaniline	11.064	127	83310	20.038	ng/ul	97
33) Hexachlorobutadiene	11.229	225	44901	21.765	ng/ul	92
34) Caprolactam	11.811	113	21255m	19.789	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	76672	20.999	ng/ul	92
36) 2-Methylnaphthalene	12.557	142	138709	20.007	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	146902	20.390	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.915	216	82215	20.679	ng/ul	96
40) Hexachlorocyclopentadiene	12.892	237	46002	17.381	ng/ul	98
41) 2,4,6-Trichlorophenol	13.156	196	50934	19.288	ng/ul	94
42) 2,4,5-Trichlorophenol	13.227	196	57447	19.804	ng/ul	92
43) 1,1'-Biphenyl	13.556	154	196119	19.226	ng/ul	97
44) 2-Chloronaphthalene	13.603	162	151604	19.803	ng/ul	98
45) 2-Nitroaniline	13.802	65	63664	20.766	ng/ul	97
47) Dimethylphthalate	14.161	163	198224	18.934	ng/ul	99
48) 2,6-Dinitrotoluene	14.290	165	43086	21.694	ng/ul	91
50) Acenaphthylene	14.443	152	249111	19.943	ng/ul	98
51) 3-Nitroaniline	14.619	138	41238	21.331	ng/ul#	94
52) Acenaphthene	14.784	153	174201	20.197	ng/ul	96
53) 2,4-Dinitrophenol	14.825	184	21842	21.050	ng/ul	95
55) 4-Nitrophenol	14.919	109	42225	21.285	ng/ul	95
56) Dibenzofuran	15.113	168	246660	20.234	ng/ul	100
57) 2,4-Dinitrotoluene	15.071	165	65316	22.425	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.336	232	55551	21.208	ng/ul#	95
59) Diethylphthalate	15.524	149	217733	19.300	ng/ul	96
61) Fluorene	15.759	166	204749	19.750	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.747	204	101135	19.421	ng/ul#	86
63) 4-Nitroaniline	15.771	138	43227	22.036	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.829	198	39301	21.450	ng/ul	92
67) N-Nitrosodiphenylamine	15.965	169	172916	19.533	ng/ul	96
68) 4-Bromophenyl-phenylether	16.646	248	77615	21.105	ng/ul	96
69) Hexachlorobenzene	16.758	284	89519	21.169	ng/ul	95
70) Atrazine	16.905	200	74280	21.255	ng/ul	94
71) Pentachlorophenol	17.104	266	43453	18.694	ng/ul#	90
72) Phenanthrene	17.498	178	345871	20.235	ng/ul	99
74) Anthracene	17.592	178	357156	20.219	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.520	216	81259	20.183	ng/ul	98
76) Pentachlorobenzene	15.030	250	96015	20.909	ng/ul	96
77) Carbazole	17.856	167	307728	20.701	ng/ul	99
78) Di-n-butylphthalate	18.409	149	382410	20.036	ng/ul	99
80) Fluoranthene	19.502	202	399392	19.066	ng/ul	97
82) Pyrene	19.860	202	414542	19.158	ng/ul	97
83) Butylbenzylphthalate	20.741	149	168995	18.609	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.611	252	156067	21.799	ng/ul	92
85) Benzo(a)anthracene	21.699	228	425416	19.525	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.599	149	246518	18.917	ng/ul#	99
87) Chrysene	21.764	228	404661	19.839	ng/ul	100
89) Di-n-octyl phthalate	22.815	149	428460	20.163	ng/ul	100
90) Benzo(b)fluoranthene	23.926	252	447404	20.416	ng/ul	99
91) Benzo(k)fluoranthene	23.996	252	440540	20.160	ng/ul	96
93) Benzo(a)pyrene	24.801	252	414124	19.957	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.638	276	547647	20.652	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.714	278	445253	20.330	ng/ul#	97
96) Benzo(g,h,i)perylene	29.801	276	439084	20.813	ng/ul	94

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

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