Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049742.D
Acq On : 9 Aug 2021 16:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020483

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:26 PM

Quant Time: Aug 09 16:49:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	29223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.864	136	122485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	81015	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	176728	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	154950	20.000	ng/ul	0.00
88) Perylene-d12	25.015	264	158199	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	4718	7.548	ng/uL	0.00
4) Pyridine-d5	3.849	84	35447	18.899	ng/ul	0.00
7) Phenol-d5	7.204	99	50875	19.183	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	28598	18.772	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	40150	21.151	ng/ul	0.00
15) 4-Methylphenol-d8	8.761	113	40149	19.854	ng/ul	0.01
21) Nitrobenzene-d5	9.213	128	19851	20.574	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	23081	20.947	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	42509	20.460	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	55087	19.368	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	126873	19.956	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	153424	20.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.905	143	18585	18.080	ng/ul	0.02
60) Fluorene-d10	15.692	176	109631	20.061	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	19437	16.341	ng/ul	0.00
73) Anthracene-d10	17.549	188	164999m	19.779	ng/ul	0.00
81) Pyrene-d10	19.834	212	176659	20.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	173769	20.046	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.462	88	5447	7.191	ng/uL#	83
5) Pyridine	3.867	79	36316	17.464	ng/ul	93
6) Benzaldehyde	7.174	77	23029	16.293	ng/ul	92
8) Phenol	7.233	94	54320	20.673	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.456	93	36397	19.966	ng/ul	96
12) 2-Chlorophenol	7.603	128	39119	20.607	ng/ul	94
13) 2-Methylphenol	8.490	108	40797	19.829	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.573	45	40143	19.268	ng/ul#	93
16) Acetophenone	8.872	105	66442	19.797	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.849	70	35345	19.589	ng/ul#	93
18) 4-Methylphenol	8.819	108	43684	20.324	ng/ul	90
19) Hexachloroethane	9.136	117	18926	22.481	ng/ul#	82
22) Nitrobenzene	9.254	77	58840	20.565	ng/ul	96
23) Isophorone	9.777	82	99371	20.538	ng/ul#	95
25) 2-Nitrophenol	9.971	139	22667	20.084	ng/ul#	82
26) 2,4-Dimethylphenol	10.029	107	54196	20.808	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.264	93	49873	20.345	ng/ul	96
29) 2,4-Dichlorophenol	10.511	162	42546	21.650	ng/ul	91
30) Naphthalene	10.916	128	135334	21.158	ng/ul	99
32) 4-Chloroaniline	11.028	127	52335	19.228	ng/ul	96
33) Hexachlorobutadiene	11.198	225	33892	20.996	ng/ul	90
34) Caprolactam	11.786	113	12098m	19.256	ng/ul	
35) 4-Chloro-3-methylphenol	12.150	107	49308	21.651	ng/ul	91
36) 2-Methylnaphthalene	12.526	142	99228	20.260	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	93819	19.685	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.890	216	54140	21.517	ng/ul	99
40) Hexachlorocyclopentadiene	12.867	237	19361	13.046	ng/ul	99
41) 2,4,6-Trichlorophenol	13.131	196	35539	22.072	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.213	196	36397	21.067	ng/ul	98
43) 1,1'-Biphenyl	13.525	154	125611	20.814	ng/ul	96
44) 2-Chloronaphthalene	13.578	162	103005	21.803	ng/ul	94
45) 2-Nitroaniline	13.777	65	35883	21.575	ng/ul	93
47) Dimethylphthalate	14.141	163	131742	20.876	ng/ul#	96
48) 2,6-Dinitrotoluene	14.271	165	27662	21.463	ng/ul	95
50) Acenaphthylene	14.418	152	151721	21.260	ng/ul	98
51) 3-Nitroaniline	14.600	138	22422	19.541	ng/ul#	90
52) Acenaphthene	14.764	153	108427	21.271	ng/ul	97
53) 2,4-Dinitrophenol	14.817	184	10823	15.242	ng/ul	95
55) 4-Nitrophenol	14.917	109	26169	19.467	ng/ul	96
56) Dibenzofuran	15.093	168	143486	20.291	ng/ul	97
57) 2,4-Dinitrotoluene	15.058	165	40305	21.680	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.328	232	32663	22.943	ng/ul#	94
59) Diethylphthalate	15.504	149	131022	20.592	ng/ul	96
61) Fluorene	15.745	166	120696	20.989	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.733	204	65996	21.080	ng/ul	95
63) 4-Nitroaniline	15.763	138	20813	19.401	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.827	198	20898	18.749	ng/ul	95
67) N-Nitrosodiphenylamine	15.951	169	101500	20.838	ng/ul	96
68) 4-Bromophenyl-phenylether	16.626	248	42451	20.650	ng/ul	98
69) Hexachlorobenzene	16.756	284	50495	21.698	ng/ul	98
70) Atrazine	16.897	200	43452	20.279	ng/ul	97
71) Pentachlorophenol	17.102	266	20181	18.107	ng/ul	98
72) Phenanthrene	17.490	178	189289	20.236	ng/ul	99
74) Anthracene	17.584	178	194379	20.774	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	55174	21.255	ng/uL	97
76) Pentachlorobenzene	15.017	250	58026	21.196	ng/uL	98
77) Carbazole	17.854	167	163302	19.530	ng/ul	98
78) Di-n-butylphthalate	18.400	149	208527	20.398	ng/ul	98
80) Fluoranthene	19.505	202	225483	21.401	ng/ul	100
82) Pyrene	19.863	202	221696	21.096	ng/ul	99
83) Butylbenzylphthalate	20.738	149	87059	21.738	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.625	252	71560	19.507	ng/ul	99
85) Benzo(a)anthracene	21.714	228	208180	20.463	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.608	149	123630	21.074	ng/ul	96
87) Chrysene	21.784	228	197844	20.823	ng/ul	98
89) Di-n-octyl phthalate	22.836	149	205239	20.799	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	212614	20.562	ng/ul	97
91) Benzo(k)fluoranthene	24.034	252	206687	20.131	ng/ul	98
93) Benzo(a)pyrene	24.862	252	192857	21.187	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	248273	20.784	ng/ul	99
95) Dibenzo(a,h)anthracene	28.839	278	209214	20.994	ng/ul	99
96) Benzo(g,h,i)perylene	29.949	276	201370	20.271	ng/ul#	97

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

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