Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049780.D
Acq On : 11 Aug 2021 7:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020487

Manual Integrations APPROVED
mohammad
8/11/2021 9:34:28 PM

Quant Time: Aug 11 10:01:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	33746	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	141915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	100200	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	203876	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	180235	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	188319	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	4998m	6.924	ng/uL	0.00
4) Pyridine-d5	3.837	84	36132	16.682	ng/ul	0.00
7) Phenol-d5	7.197	99	58590	19.131	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	33070	18.798	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	43273	19.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	45218	19.364	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	22469	20.099	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	26688	20.904	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.481	165	49963	20.755	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	64208	19.484	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	150228	19.105	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	176459	18.862	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	22790	17.926	ng/ul	0.00
60) Fluorene-d10	15.679	176	128814	19.058	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	26080	19.006	ng/ul	0.00
73) Anthracene-d10	17.542	188	191929	19.943	ng/ul	0.00
81) Pyrene-d10	19.827	212	205492	20.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	209350	20.288	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	5455	6.236	ng/uL#	70
5) Pyridine	3.860	79	39536	16.464	ng/ul	96
6) Benzaldehyde	7.167	77	29378m	17.999	ng/ul	
8) Phenol	7.226	94	59643	19.657	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.449	93	42534	20.206	ng/ul	96
12) 2-Chlorophenol	7.596	128	45778	20.883	ng/ul	96
13) 2-Methylphenol	8.483	108	47472	19.981	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.566	45	45122	18.755	ng/ul#	93
16) Acetophenone	8.865	105	76730	19.798	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.842	70	38802	18.623	ng/ul	94
18) 4-Methylphenol	8.812	108	50622	20.395	ng/ul	85
19) Hexachloroethane	9.124	117	20626	21.217	ng/ul#	84
22) Nitrobenzene	9.247	77	67341	20.313	ng/ul	95
23) Isophorone	9.770	82	112612	20.088	ng/ul	99
25) 2-Nitrophenol	9.964	139	27593	21.101	ng/ul#	90
26) 2,4-Dimethylphenol	10.022	107	58993	19.548	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.251	93	58601	20.633	ng/ul	94
29) 2,4-Dichlorophenol	10.510	162	48284	21.206	ng/ul	88
30) Naphthalene	10.909	128	152769	20.613	ng/ul	97
32) 4-Chloroaniline	11.015	127	62293	19.753	ng/ul	94
33) Hexachlorobutadiene	11.185	225	38610	20.644	ng/ul	95
34) Caprolactam	11.785	113	14459m	19.863	ng/ul	
35) 4-Chloro-3-methylphenol	12.149	107	57373	21.743	ng/ul	95
36) 2-Methylnaphthalene	12.513	142	114291	20.140	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	109391	19.810	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.883	216	64223	20.638	ng/ul	96
40) Hexachlorocyclopentadiene	12.860	237	24929	13.582	ng/ul#	82
41) 2,4,6-Trichlorophenol	13.124	196	42210	21.196	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.200	196	43955	20.571	ng/ul	95
43) 1,1'-Biphenyl	13.518	154	146232	19.591	ng/ul	98
44) 2-Chloronaphthalene	13.565	162	119695	20.485	ng/ul	95
45) 2-Nitroaniline	13.770	65	39964	19.428	ng/ul	94
47) Dimethylphthalate	14.134	163	151817	19.451	ng/ul#	95
48) 2,6-Dinitrotoluene	14.258	165	32639	20.476	ng/ul	97
50) Acenaphthylene	14.411	152	177512	20.111	ng/ul	99
51) 3-Nitroaniline	14.593	138	26723	18.831	ng/ul#	91
52) Acenaphthene	14.751	153	125297	19.874	ng/ul	96
53) 2,4-Dinitrophenol	14.804	184	13831	15.748	ng/ul	92
55) 4-Nitrophenol	14.916	109	31889	19.180	ng/ul	91
56) Dibenzofuran	15.086	168	171664	19.628	ng/ul	97
57) 2,4-Dinitrotoluene	15.051	165	47014	20.447	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.315	232	37903	21.526	ng/ul	94
59) Diethylphthalate	15.497	149	154846	19.677	ng/ul	96
61) Fluorene	15.738	166	144853	20.367	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.726	204	76761	19.824	ng/ul	98
63) 4-Nitroaniline	15.756	138	29258	22.051	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.820	198	26264	20.426	ng/ul#	96
67) N-Nitrosodiphenylamine	15.944	169	119781	21.317	ng/ul	94
68) 4-Bromophenyl-phenylether	16.619	248	52556	22.161	ng/ul	88
69) Hexachlorobenzene	16.749	284	58817	21.909	ng/ul	99
70) Atrazine	16.890	200	52368	21.186	ng/ul	95
71) Pentachlorophenol	17.095	266	26693m	20.761	ng/ul	
72) Phenanthrene	17.483	178	228676	21.192	ng/ul	99
74) Anthracene	17.577	178	226423	20.976	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	64163	21.426	ng/uL	95
76) Pentachlorobenzene	15.010	250	65573	20.763	ng/uL	96
77) Carbazole	17.847	167	192838	19.992	ng/ul	99
78) Di-n-butylphthalate	18.393	149	244804	20.758	ng/ul	98
80) Fluoranthene	19.492	202	265486	21.662	ng/ul	98
82) Pyrene	19.856	202	261689	21.408	ng/ul	100
83) Butylbenzylphthalate	20.731	149	102823	22.073	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.613	252	73335	17.187	ng/ul	99
85) Benzo(a)anthracene	21.707	228	245045	20.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.595	149	146267	21.435	ng/ul	97
87) Chrysene	21.771	228	236885	21.434	ng/ul	98
89) Di-n-octyl phthalate	22.817	149	239956	20.428	ng/ul	100
90) Benzo(b)fluoranthene	23.956	252	248499	20.189	ng/ul	95
91) Benzo(k)fluoranthene	24.021	252	252357	20.648	ng/ul	98
93) Benzo(a)pyrene	24.843	252	230361	21.259	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.756	276	293590	20.646	ng/ul	98
95) Dibenzo(a,h)anthracene	28.809	278	247980	20.904	ng/ul	98
96) Benzo(g,h,i)perylene	29.931	276	246196	20.820	ng/ul	96

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

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