Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049903.D
Acq On : 19 Aug 2021 21:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020492

Manual Integrations APPROVED
mohammad
8/20/2021 2:23:29 PM

Quant Time: Aug 20 00:57:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 13:35:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	23513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.795	136	100129	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.637	164	72735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	177419	20.000	ng/ul	0.00
79) Chrysene-d12	21.662	240	184431	20.000	ng/ul	0.00
88) Perylene-d12	24.881	264	183205	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3975	8.718	ng/uL	0.00
4) Pyridine-d5	3.769	84	22653	16.494	ng/ul	0.00
7) Phenol-d5	7.147	99	36462	18.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	20027	18.054	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	27633	18.496	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	29037	18.466	ng/ul	0.00
21) Nitrobenzene-d5	9.144	128	14721	18.964	ng/ul	0.00
24) 2-Nitrophenol-d4	9.872	143	17319	18.737	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	30919	18.754	ng/ul	0.00
31) 4-Chloroaniline-d4	10.930	131	43468	19.371	ng/ul	0.00
46) Dimethylphthalate-d6	14.031	166	112321	20.178	ng/ul	0.00
49) Acenaphthylene-d8	14.325	160	121811	18.663	ng/ul	0.00
54) 4-Nitrophenol-d4	14.854	143	16625	20.643	ng/ul	0.00
60) Fluorene-d10	15.623	176	92741	19.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.759	200	21437	18.781	ng/ul	0.00
73) Anthracene-d10	17.486	188	157346	19.750	ng/ul	0.00
81) Pyrene-d10	19.777	212	189518	19.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.664	264	179867	18.506	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	4203m	7.561	ng/uL	
5) Pyridine	3.792	79	27940	18.822	ng/ul	96
6) Benzaldehyde	7.111	77	25388	22.096	ng/ul	92
8) Phenol	7.170	94	36058	17.879	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.393	93	25477	18.300	ng/ul	92
12) 2-Chlorophenol	7.546	128	27070	18.337	ng/ul#	91
13) 2-Methylphenol	8.427	108	28589	18.375	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.504	45	27385	18.758	ng/ul	99
16) Acetophenone	8.803	105	48799	19.029	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.786	70	25528	19.825	ng/ul	96
18) 4-Methylphenol	8.756	108	30454	18.194	ng/ul#	79
19) Hexachloroethane	9.062	117	12266	18.986	ng/ul	92
22) Nitrobenzene	9.191	77	39752	18.899	ng/ul	99
23) Isophorone	9.714	82	72061	19.228	ng/ul	97
25) 2-Nitrophenol	9.908	139	16038	17.846	ng/ul	94
26) 2,4-Dimethylphenol	9.966	107	38914	19.484	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.195	93	36761	18.995	ng/ul	100
29) 2,4-Dichlorophenol	10.454	162	28391	18.762	ng/ul	92
30) Naphthalene	10.848	128	91839	18.350	ng/ul#	94
32) 4-Chloroaniline	10.959	127	39568	18.309	ng/ul#	86
33) Hexachlorobutadiene	11.129	225	22848	18.665	ng/ul	96
34) Caprolactam	11.711	113	11069m	20.883	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	35025	19.367	ng/ul	96
36) 2-Methylnaphthalene	12.457	142	73138	19.659	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	73278	19.514	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	40510	18.962	ng/ul#	98
40) Hexachlorocyclopentadiene	12.804	237	14288	14.944	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.068	196	25621	18.819	ng/ul	89
42) 2,4,5-Trichlorophenol	13.150	196	27328m	19.153	ng/ul	
43) 1,1'-Biphenyl	13.467	154	95327	18.760	ng/ul	96
44) 2-Chloronaphthalene	13.515	162	76070	18.637	ng/ul	99
45) 2-Nitroaniline	13.714	65	28518	20.579	ng/ul	93
47) Dimethylphthalate	14.078	163	110049	19.976	ng/ul#	98
48) 2,6-Dinitrotoluene	14.208	165	22152	19.477	ng/ul	99
50) Acenaphthylene	14.360	152	112824	18.914	ng/ul	99
51) 3-Nitroaniline	14.537	138	22558	20.554	ng/ul#	94
52) Acenaphthene	14.701	153	82883	19.154	ng/ul	93
53) 2,4-Dinitrophenol	14.766	184	10421	17.939	ng/ul	84
55) 4-Nitrophenol	14.866	109	21291	20.851	ng/ul	99
56) Dibenzofuran	15.036	168	114111	19.042	ng/ul	94
57) 2,4-Dinitrotoluene	15.001	165	34112	20.851	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.265	232	23405m	19.795	ng/ul	
59) Diethylphthalate	15.441	149	116448	20.663	ng/ul	96
61) Fluorene	15.682	166	103562	20.484	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.670	204	52068	19.465	ng/ul#	94
63) 4-Nitroaniline	15.706	138	24510	22.379	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.770	198	19136	18.496	ng/ul	92
67) N-Nitrosodiphenylamine	15.888	169	87920	18.822	ng/ul	94
68) 4-Bromophenyl-phenylether	16.569	248	38795	19.767	ng/ul	95
69) Hexachlorobenzene	16.693	284	42748	18.862	ng/ul	97
70) Atrazine	16.834	200	41887	20.185	ng/ul	99
71) Pentachlorophenol	17.045	266	17159	17.880	ng/ul	97
72) Phenanthrene	17.427	178	173735	19.643	ng/ul	99
74) Anthracene	17.521	178	180006	20.083	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.438	216	40842	17.158	ng/uL	89
76) Pentachlorobenzene	14.954	250	46070	18.266	ng/uL	98
77) Carbazole	17.791	167	158037	19.815	ng/ul	98
78) Di-n-butylphthalate	18.337	149	208233	20.414	ng/ul	97
80) Fluoranthene	19.442	202	229592	18.668	ng/ul	100
82) Pyrene	19.806	202	233453	19.156	ng/ul	99
83) Butylbenzylphthalate	20.681	149	90361	18.789	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	84626	19.357	ng/ul	96
85) Benzo(a)anthracene	21.639	228	221244	19.252	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	126684	19.181	ng/ul	99
87) Chrysene	21.703	228	206742	19.031	ng/ul	96
89) Di-n-octyl phthalate	22.737	149	206025	18.957	ng/ul	100
90) Benzo(b)fluoranthene	23.859	252	222154m	18.957	ng/ul	
91) Benzo(k)fluoranthene	23.924	252	217732	19.546	ng/ul	98
93) Benzo(a)pyrene	24.729	252	194945	19.155	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.576	276	251696	18.748	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.629	278	208016	18.509	ng/ul	100
96) Benzo(g,h,i)perylene	29.728	276	204947	18.158	ng/ul	98

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

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