Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050166.D
Acq On : 7 Sep 2021 11:46
Operator : CG/JU
Sample : SSTD01030
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010430

Manual Integrations APPROVED
mohammad
9/9/2021 8:39:18 AM

Quant Time: Sep 07 18:02:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 17:42:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	44233	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	206851	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.611	164	117411	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.366	188	249514	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.637	240	250728	20.000	ng/ul	0.00
88) Perylene-d12	24.856	264	250385	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	3918	4.257	ng/uL	0.00
4) Pyridine-d5	3.737	84	31463	8.850	ng/ul	0.00
7) Phenol-d5	7.121	99	44651	11.524	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.274	67	24044	11.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.485	132	35259	11.871	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	31092	9.959	ng/ul	0.00
21) Nitrobenzene-d5	9.124	128	17797	11.768	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	17674	9.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	33522	9.788	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	43213	10.248	ng/ul	0.00
46) Dimethylphthalate-d6	14.012	166	91910	9.609	ng/ul	0.00
49) Acenaphthylene-d8	14.305	160	108529	9.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.846	143	8334	7.337	ng/ul	0.00
60) Fluorene-d10	15.604	176	75074	9.595	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	13036	8.120	ng/ul	0.00
73) Anthracene-d10	17.466	188	117110	9.783	ng/ul	0.00
81) Pyrene-d10	19.757	212	137268	10.327	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.632	264	137029	9.682	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.344	88	4237	3.959	ng/uL#	80
5) Pyridine	3.755	79	34274	9.463	ng/ul#	88
6) Benzaldehyde	7.086	77	22796	10.993	ng/ul	95
8) Phenol	7.144	94	41496	11.110	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.362	93	33355	12.078	ng/ul	96
12) 2-Chlorophenol	7.514	128	31824	11.100	ng/ul#	79
13) 2-Methylphenol	8.407	108	31506	10.731	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.472	45	29279	10.656	ng/ul#	94
16) Acetophenone	8.777	105	51582	11.441	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.754	70	26249	10.751	ng/ul	91
18) 4-Methylphenol	8.742	108	31192	10.344	ng/ul	89
19) Hexachloroethane	9.030	117	13818	10.632	ng/ul	90
22) Nitrobenzene	9.165	77	42418	10.507	ng/ul#	94
23) Isophorone	9.682	82	72365	9.140	ng/ul	96
25) 2-Nitrophenol	9.882	139	17370	9.531	ng/ul#	79
26) 2,4-Dimethylphenol	9.946	107	38067	9.305	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.170	93	42813	9.665	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	30890	9.944	ng/ul	96
30) Naphthalene	10.822	128	99331	9.834	ng/ul	95
32) 4-Chloroaniline	10.933	127	38504	9.752	ng/ul#	85
33) Hexachlorobutadiene	11.098	225	24203	9.492	ng/ul	92
34) Caprolactam	11.697	113	8905m	9.218	ng/ul	
35) 4-Chloro-3-methylphenol	12.073	107	34035	9.048	ng/ul#	87
36) 2-Methylnaphthalene	12.437	142	73271	9.642	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.649	142	70613	9.421	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.807	216	39660	9.047	ng/ul#	95
40) Hexachlorocyclopentadiene	12.778	237	9520	7.834	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.054	196	22989	9.213	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.136	196	25239	9.547	ng/ul	94
43) 1,1'-Biphenyl	13.442	154	89484	9.623	ng/ul	98
44) 2-Chloronaphthalene	13.489	162	69871	9.639	ng/ul	98
45) 2-Nitroaniline	13.694	65	20629	8.391	ng/ul	94
47) Dimethylphthalate	14.059	163	88158	9.714	ng/ul#	98
48) 2,6-Dinitrotoluene	14.194	165	18117	9.393	ng/ul#	86
50) Acenaphthylene	14.335	152	104482	10.020	ng/ul	95
51) 3-Nitroaniline	14.528	138	16012	9.299	ng/ul#	87
52) Acenaphthene	14.675	153	72516	9.745	ng/ul	97
53) 2,4-Dinitrophenol	14.769	184	3767m	4.734	ng/ul	
55) 4-Nitrophenol	14.857	109	9203	7.355	ng/ul	89
56) Dibenzofuran	15.010	168	102240	9.989	ng/ul	94
57) 2,4-Dinitrotoluene	14.993	165	26519	9.743	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.251	232	17542	9.274	ng/ul#	96
59) Diethylphthalate	15.421	149	89885	9.920	ng/ul	96
61) Fluorene	15.662	166	83728	9.723	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	44534	9.789	ng/ul	95
63) 4-Nitroaniline	15.686	138	13956	8.680	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.762	198	11265	7.991	ng/ul#	96
67) N-Nitrosodiphenylamine	15.868	169	71443	9.967	ng/ul	98
68) 4-Bromophenyl-phenylether	16.549	248	30532	9.647	ng/ul	97
69) Hexachlorobenzene	16.673	284	36402	10.266	ng/ul	91
70) Atrazine	16.814	200	31890	10.673	ng/ul	98
71) Pentachlorophenol	17.031	266	8526m	8.386	ng/ul	
72) Phenanthrene	17.407	178	135379	10.013	ng/ul	99
74) Anthracene	17.501	178	139942	10.134	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	42008	9.867	ng/uL	92
76) Pentachlorobenzene	14.940	250	42121	9.856	ng/uL	98
77) Carbazole	17.777	167	118385	9.800	ng/ul	97
78) Di-n-butylphthalate	18.317	149	145385	9.935	ng/ul	99
80) Fluoranthene	19.422	202	169791	10.288	ng/ul#	96
82) Pyrene	19.786	202	167605	10.368	ng/ul	99
83) Butylbenzylphthalate	20.661	149	60717	9.876	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.531	252	59057	10.274	ng/ul#	98
85) Benzo(a)anthracene	21.619	228	160475	9.846	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.507	149	88675	9.613	ng/ul	99
87) Chrysene	21.684	228	149395	9.811	ng/ul	96
89) Di-n-octyl phthalate	22.712	149	148911	9.615	ng/ul	100
90) Benzo(b)fluoranthene	23.834	252	164795	9.792	ng/ul#	98
91) Benzo(k)fluoranthene	23.898	252	159807	10.028	ng/ul	99
93) Benzo(a)pyrene	24.703	252	145391	9.905	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.545	276	186194m	9.688	ng/ul	
95) Dibenzo(a,h)anthracene	28.580	278	155269	9.758	ng/ul	98
96) Benzo(g,h,i)perylene	29.696	276	152755	9.892	ng/ul	95

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

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