Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050168.D
Acq On : 7 Sep 2021 13:08
Operator : CG/JU
Sample : SSTD04032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040432

Manual Integrations APPROVED
mohammad
9/9/2021 8:39:20 AM

Quant Time: Sep 07 18:07:46 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	40135	20.000	ng/ul		0.00
20) Naphthalene-d8	10.769	136	187303	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.617	164	88379	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.366	188	198330	20.000	ng/ul		0.00
79) Chrysene-d12	21.642	240	197017	20.000	ng/ul		0.00
88) Perylene-d12	24.862	264	205295	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.303	96	12224	14.638	ng/uL		0.00
4) Pyridine-d5	3.731	84	125365	38.866	ng/ul		0.00
7) Phenol-d5	7.121	99	120191	34.189	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.274	67	74042	38.882	ng/ul		0.00
11) 2-Chlorophenol-d4	7.479	132	112938	41.908	ng/ul		0.00
15) 4-Methylphenol-d8	8.672	113	101837	35.949	ng/ul		0.00
21) Nitrobenzene-d5	9.124	128	44411	32.430	ng/ul		0.00
24) 2-Nitrophenol-d4	9.847	143	53142	31.565	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.399	165	115561	37.263	ng/ul		0.00
31) 4-Chloroaniline-d4	10.910	131	157775	41.320	ng/ul		0.00
46) Dimethylphthalate-d6	14.017	166	276838	38.450	ng/ul		0.00
49) Acenaphthylene-d8	14.305	160	327939	38.866	ng/ul		0.00
54) 4-Nitrophenol-d4	14.846	143	35119	41.076	ng/ul		0.00
60) Fluorene-d10	15.609	176	236357	40.133	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	49880	39.089	ng/ul		0.00
73) Anthracene-d10	17.466	188	362879	38.137	ng/ul		0.00
81) Pyrene-d10	19.757	212	425009	40.692	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.638	264	445410	38.384	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.338	88	14464	14.896	ng/uL		97
5) Pyridine	3.749	79	126014	38.343	ng/ul	#	89
6) Benzaldehyde	7.080	77	83974	44.630	ng/ul		94
8) Phenol	7.150	94	114020	33.645	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.368	93	94738	37.807	ng/ul		96
12) 2-Chlorophenol	7.514	128	110789	42.589	ng/ul	#	83
13) 2-Methylphenol	8.407	108	103662	38.913	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.472	45	94205	37.785	ng/ul		95
16) Acetophenone	8.777	105	139505	34.103	ng/ul	#	95
17) N-Nitroso-di-n-propyla...	8.760	70	70735	31.929	ng/ul		97
18) 4-Methylphenol	8.736	108	89760	32.807	ng/ul		86
19) Hexachloroethane	9.036	117	38838	32.935	ng/ul		95
22) Nitrobenzene	9.165	77	118915	32.530	ng/ul		94
23) Isophorone	9.688	82	231167	32.246	ng/ul		96
25) 2-Nitrophenol	9.882	139	52803	31.997	ng/ul	#	84
26) 2,4-Dimethylphenol	9.946	107	112278	30.310	ng/ul		92
27) Bis(2-Chloroethoxy)met...	10.176	93	134198	33.455	ng/ul		98
29) 2,4-Dichlorophenol	10.428	162	103339	36.739	ng/ul		98
30) Naphthalene	10.822	128	373379	40.822	ng/ul		98
32) 4-Chloroaniline	10.933	127	148176	41.446	ng/ul		89
33) Hexachlorobutadiene	11.098	225	87084	37.716	ng/ul		96
34) Caprolactam	11.709	113	33623m	38.436	ng/ul		
35) 4-Chloro-3-methylphenol	12.073	107	160110	47.005	ng/ul		99
36) 2-Methylnaphthalene	12.431	142	319673	46.459	ng/ul		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.655	142	274564	40.453	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.807	216	144198	43.697	ng/ul#	97
40) Hexachlorocyclopentadiene	12.772	237	28031	30.643	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.048	196	82708	44.034	ng/ul	92
42) 2,4,5-Trichlorophenol	13.136	196	84869	42.647	ng/ul	96
43) 1,1'-Biphenyl	13.442	154	259659	37.095	ng/ul	95
44) 2-Chloronaphthalene	13.489	162	205219	37.610	ng/ul	99
45) 2-Nitroaniline	13.700	65	67925	36.705	ng/ul	96
47) Dimethylphthalate	14.064	163	262663	38.448	ng/ul	99
48) 2,6-Dinitrotoluene	14.194	165	57836	39.836	ng/ul	90
50) Acenaphthylene	14.335	152	303724	38.698	ng/ul	98
51) 3-Nitroaniline	14.528	138	55157	42.557	ng/ul	94
52) Acenaphthene	14.675	153	221397	39.524	ng/ul	95
53) 2,4-Dinitrophenol	14.752	184	21998m	36.723	ng/ul	
55) 4-Nitrophenol	14.863	109	39181	41.599	ng/ul	98
56) Dibenzofuran	15.016	168	299442	38.867	ng/ul	98
57) 2,4-Dinitrotoluene	14.993	165	83513	40.761	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.251	232	61472	43.173	ng/ul	91
59) Diethylphthalate	15.427	149	275404	40.378	ng/ul	96
61) Fluorene	15.662	166	256545	39.576	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.651	204	135777	39.648	ng/ul	95
63) 4-Nitroaniline	15.698	138	55309m	45.699	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.762	198	42753	38.155	ng/ul#	95
67) N-Nitrosodiphenylamine	15.868	169	220798	38.753	ng/ul	98
68) 4-Bromophenyl-phenylether	16.549	248	97871	38.905	ng/ul	97
69) Hexachlorobenzene	16.679	284	111070	39.406	ng/ul	94
70) Atrazine	16.820	200	93365	39.312	ng/ul	96
71) Pentachlorophenol	17.031	266	26511	32.806	ng/ul	98
72) Phenanthrene	17.407	178	416891	38.793	ng/ul	96
74) Anthracene	17.501	178	422234m	38.467	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.412	216	123400	36.466	ng/uL	90
76) Pentachlorobenzene	14.940	250	125772	37.024	ng/uL	97
77) Carbazole	17.777	167	372860	38.832	ng/ul	99
78) Di-n-butylphthalate	18.317	149	462494	39.759	ng/ul	98
80) Fluoranthene	19.428	202	531479	40.981	ng/ul#	97
82) Pyrene	19.786	202	515104	40.553	ng/ul	99
83) Butylbenzylphthalate	20.661	149	202038	41.823	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.531	252	186634	41.318	ng/ul	99
85) Benzo(a)anthracene	21.619	228	496645	38.778	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.507	149	289611	39.957	ng/ul	99
87) Chrysene	21.689	228	471098	39.370	ng/ul	96
89) Di-n-octyl phthalate	22.712	149	484000	38.115	ng/ul	100
90) Benzo(b)fluoranthene	23.834	252	537709	38.968	ng/ul	99
91) Benzo(k)fluoranthene	23.904	252	494199	37.822	ng/ul	99
93) Benzo(a)pyrene	24.709	252	464138	38.565	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.545	276	598512	37.981	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.609	278	495330	37.965	ng/ul#	98
96) Benzo(g,h,i)perylene	29.702	276	485378	38.336	ng/ul	96

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

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