Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050311.D
Acq On : 29 Sep 2021 9:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020518

Manual Integrations APPROVED
mohammad
9/29/2021 12:54:00 PM

Quant Time: Sep 29 10:57:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 29 10:57:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	45639	20.000	ng/ul	0.00
20) Naphthalene-d8	11.108	136	189454	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.898	164	127216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	291340	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.948	240	293732	20.000	ng/ul	# 0.00
88) Perylene-d12	25.386	264	310162	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	9766	10.348	ng/uL	0.00
4) Pyridine-d5	4.081	84	72298	25.418	ng/ul	0.00
7) Phenol-d5	7.412	99	77257	21.320	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.595	67	48541	23.079	ng/ul	0.00
11) 2-Chlorophenol-d4	7.806	132	56323	21.385	ng/ul	0.00
15) 4-Methylphenol-d8	8.969	113	58372	20.448	ng/ul	0.00
21) Nitrobenzene-d5	9.451	128	26902	22.986	ng/ul	0.00
24) 2-Nitrophenol-d4	10.174	143	29657	22.942	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.714	165	57889	19.197	ng/ul	0.00
31) 4-Chloroaniline-d4	11.232	131	75082	18.953	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	171485	19.834	ng/ul	0.00
49) Acenaphthylene-d8	14.592	160	218194	20.076	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	31418	21.537	ng/ul	0.00
60) Fluorene-d10	15.885	176	151982	19.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	28881	23.399	ng/ul	0.00
73) Anthracene-d10	17.742	188	245550	19.788	ng/ul	0.00
81) Pyrene-d10	20.015	212	293711	18.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	309970	19.602	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	11188	9.397	ng/uL#	91
5) Pyridine	4.099	79	72809	24.683	ng/ul	93
6) Benzaldehyde	7.412	77	58976	25.641	ng/ul	95
8) Phenol	7.436	94	80996	22.065	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.694	93	60965	22.347	ng/ul	96
12) 2-Chlorophenol	7.841	128	57333	20.655	ng/ul#	78
13) 2-Methylphenol	8.705	108	59148	20.652	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.811	45	87344	24.200	ng/ul#	91
16) Acetophenone	9.110	105	94193	21.600	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.087	70	53666	21.648	ng/ul	98
18) 4-Methylphenol	9.034	108	62020	21.260	ng/ul	86
19) Hexachloroethane	9.375	117	25023	21.010	ng/ul	97
22) Nitrobenzene	9.492	77	79287	23.613	ng/ul	100
23) Isophorone	10.021	82	143119	20.208	ng/ul#	94
25) 2-Nitrophenol	10.209	139	31925	23.646	ng/ul#	85
26) 2,4-Dimethylphenol	10.250	107	71059	19.683	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.497	93	80418	20.800	ng/ul	97
29) 2,4-Dichlorophenol	10.738	162	55661	19.157	ng/ul	98
30) Naphthalene	11.155	128	191105	19.666	ng/ul	97
32) 4-Chloroaniline	11.255	127	77237	19.523	ng/ul	91
33) Hexachlorobutadiene	11.437	225	42780	17.748	ng/ul	96
34) Caprolactam	12.025	113	18533	20.228	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.348	107	62737	19.910	ng/ul	98
36) 2-Methylnaphthalene	12.742	142	127524	18.949	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.959	142	127981	18.835	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.100	216	78382	19.570	ng/ul	93
40) Hexachlorocyclopentadiene	13.076	237	52680	19.068	ng/ul	95
41) 2,4,6-Trichlorophenol	13.335	196	49001	20.747	ng/ul	87
42) 2,4,5-Trichlorophenol	13.400	196	52463	20.646	ng/ul	92
43) 1,1'-Biphenyl	13.734	154	174879	20.264	ng/ul#	96
44) 2-Chloronaphthalene	13.781	162	136254	19.954	ng/ul	100
45) 2-Nitroaniline	13.975	65	43573	26.801	ng/ul	96
47) Dimethylphthalate	14.340	163	171498	19.691	ng/ul	99
48) 2,6-Dinitrotoluene	14.463	165	33910	24.595	ng/ul	91
50) Acenaphthylene	14.622	152	223196	20.328	ng/ul	97
51) 3-Nitroaniline	14.792	138	35624	23.110	ng/ul	86
52) Acenaphthene	14.962	153	144517	20.104	ng/ul	98
53) 2,4-Dinitrophenol	14.992	184	20005	22.917	ng/ul#	84
55) 4-Nitrophenol	15.074	109	31028m	20.697	ng/ul	
56) Dibenzofuran	15.291	168	215444	20.027	ng/ul	93
57) 2,4-Dinitrotoluene	15.244	165	48040	24.587	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.509	232	45598	19.946	ng/ul#	93
59) Diethylphthalate	15.697	149	176659	19.730	ng/ul	98
61) Fluorene	15.938	166	166534	19.760	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.926	204	90896	19.159	ng/ul	95
63) 4-Nitroaniline	15.950	138	36432	22.959	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.002	198	28728	23.168	ng/ul	98
67) N-Nitrosodiphenylamine	16.138	169	147305	19.996	ng/ul	98
68) 4-Bromophenyl-phenylether	16.825	248	56655	18.754	ng/ul	97
69) Hexachlorobenzene	16.942	284	63759	19.049	ng/ul	96
70) Atrazine	17.078	200	62401	19.198	ng/ul	93
71) Pentachlorophenol	17.277	266	40603	19.012	ng/ul	96
72) Phenanthrene	17.683	178	286051	19.783	ng/ul	98
74) Anthracene	17.777	178	288202	20.013	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.705	216	82123	19.829	ng/uL	90
76) Pentachlorobenzene	15.209	250	77939	19.517	ng/uL	98
77) Carbazole	18.035	167	263375	20.672	ng/ul	98
78) Di-n-butylphthalate	18.582	149	310591	21.143	ng/ul	98
80) Fluoranthene	19.680	202	370302	18.366	ng/ul#	91
82) Pyrene	20.039	202	364618	18.391	ng/ul#	89
83) Butylbenzylphthalate	20.920	149	134035	20.068	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.831	252	127038	20.195	ng/ul#	93
85) Benzo(a)anthracene	21.925	228	351047	19.846	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.813	149	193781	20.326	ng/ul	98
87) Chrysene	21.995	228	337255	19.667	ng/ul	94
89) Di-n-octyl phthalate	23.106	149	328228	21.588	ng/ul	100
90) Benzo(b)fluoranthene	24.281	252	358193	19.729	ng/ul#	98
91) Benzo(k)fluoranthene	24.357	252	334294	19.609	ng/ul#	97
93) Benzo(a)pyrene	25.221	252	340858	19.766	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.328	276	393954	19.550	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.404	278	335341	19.308	ng/ul#	97
96) Benzo(g,h,i)perylene	30.562	276	327500	18.995	ng/ul#	96

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

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