Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050267.D
Acq On : 25 Sep 2021 17:19
Operator : CG/JU
Sample : SSTD04038
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040436

Manual Integrations APPROVED
mohammad
9/28/2021 1:39:06 PM

Quant Time: Sep 27 02:05:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	33195	20.000	ng/ul	0.00
20) Naphthalene-d8	11.117	136	135724	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.907	164	98985	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.651	188	236869	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	223328	20.000	ng/ul	0.00
88) Perylene-d12	25.406	264	222760	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	10422	16.190	ng/uL	0.00
4) Pyridine-d5	4.096	84	85199	43.940	ng/ul	0.00
7) Phenol-d5	7.427	99	108680	38.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.610	67	64094	40.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.815	132	80709	38.266	ng/ul	0.00
15) 4-Methylphenol-d8	8.984	113	86043	38.759	ng/ul	0.00
21) Nitrobenzene-d5	9.466	128	35872	34.091	ng/ul	0.00
24) 2-Nitrophenol-d4	10.189	143	41343	32.997	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.729	165	90854	40.655	ng/ul	0.00
31) 4-Chloroaniline-d4	11.247	131	115547	37.987	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	273250	36.071	ng/ul	0.00
49) Acenaphthylene-d8	14.607	160	341689	38.469	ng/ul	0.00
54) 4-Nitrophenol-d4	15.077	143	47726	43.545	ng/ul	0.00
60) Fluorene-d10	15.894	176	249307	38.815	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	40052	26.283	ng/ul	0.00
73) Anthracene-d10	17.751	188	399656	37.574	ng/ul	0.00
81) Pyrene-d10	20.019	212	477884	39.598	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.166	264	463204	39.195	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.697	88	12135	15.463	ng/uL#	94
5) Pyridine	4.114	79	87484	41.746	ng/ul	97
6) Benzaldehyde	7.427	77	77831	47.982	ng/ul	96
8) Phenol	7.451	94	107575	37.783	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.704	93	83335	42.400	ng/ul	93
12) 2-Chlorophenol	7.851	128	79347	38.072	ng/ul#	77
13) 2-Methylphenol	8.720	108	86007	39.155	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.814	45	110885	53.801	ng/ul	95
16) Acetophenone	9.125	105	131039	36.195	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.102	70	73484	40.423	ng/ul	96
18) 4-Methylphenol	9.049	108	87692	37.109	ng/ul#	78
19) Hexachloroethane	9.390	117	34852	38.211	ng/ul#	89
22) Nitrobenzene	9.507	77	104657	36.706	ng/ul	98
23) Isophorone	10.042	82	202093	39.782	ng/ul#	94
25) 2-Nitrophenol	10.224	139	43702	35.876	ng/ul#	78
26) 2,4-Dimethylphenol	10.265	107	104383	38.557	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.506	93	110334	42.060	ng/ul	99
29) 2,4-Dichlorophenol	10.753	162	86714	42.276	ng/ul	95
30) Naphthalene	11.170	128	279264	41.166	ng/ul	98
32) 4-Chloroaniline	11.270	127	113449	38.728	ng/ul	91
33) Hexachlorobutadiene	11.446	225	69740	42.030	ng/ul	95
34) Caprolactam	12.063	113	27184m	37.835	ng/ul	
35) 4-Chloro-3-methylphenol	12.363	107	93619	38.190	ng/ul	97
36) 2-Methylnaphthalene	12.757	142	195450	38.758	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.974	142	195183	38.345	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.109	216	125178	43.056	ng/ul	99
40) Hexachlorocyclopentadiene	13.091	237	87354	67.135	ng/ul	91
41) 2,4,6-Trichlorophenol	13.344	196	77484	41.821	ng/ul	91
42) 2,4,5-Trichlorophenol	13.415	196	82772	42.626	ng/ul	93
43) 1,1'-Biphenyl	13.744	154	265075	38.331	ng/ul#	95
44) 2-Chloronaphthalene	13.791	162	208921	37.612	ng/ul	97
45) 2-Nitroaniline	13.985	65	60204	31.923	ng/ul	93
47) Dimethylphthalate	14.355	163	272220	36.310	ng/ul	99
48) 2,6-Dinitrotoluene	14.472	165	47719	30.829	ng/ul	90
50) Acenaphthylene	14.637	152	340690	41.967	ng/ul	97
51) 3-Nitroaniline	14.807	138	51724	34.630	ng/ul	94
52) Acenaphthene	14.972	153	223233	37.907	ng/ul	99
53) 2,4-Dinitrophenol	15.001	184	27608	34.923	ng/ul#	68
55) 4-Nitrophenol	15.089	109	50216	36.136	ng/ul#	78
56) Dibenzofuran	15.306	168	331618	40.664	ng/ul	93
57) 2,4-Dinitrotoluene	15.254	165	69154	31.060	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.518	232	76468	47.522	ng/ul#	92
59) Diethylphthalate	15.712	149	283602	36.978	ng/ul	94
61) Fluorene	15.953	166	263070	38.235	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.941	204	147762	40.589	ng/ul	88
63) 4-Nitroaniline	15.965	138	52800	35.424	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.012	198	41278	29.884	ng/ul	93
67) N-Nitrosodiphenylamine	16.147	169	237717	38.119	ng/ul	96
68) 4-Bromophenyl-phenylether	16.834	248	99567	37.998	ng/ul	93
69) Hexachlorobenzene	16.952	284	110556	36.538	ng/ul	92
70) Atrazine	17.093	200	107100	38.658	ng/ul	94
71) Pentachlorophenol	17.292	266	72576	56.645	ng/ul	93
72) Phenanthrene	17.692	178	468841	39.703	ng/ul	98
74) Anthracene	17.786	178	464551	38.821	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.714	216	134770	42.408	ng/uL	91
76) Pentachlorobenzene	15.218	250	131421	39.027	ng/uL	96
77) Carbazole	18.050	167	432941	40.659	ng/ul	98
78) Di-n-butylphthalate	18.597	149	490985	36.053	ng/ul	99
80) Fluoranthene	19.690	202	597890	40.147	ng/ul#	92
82) Pyrene	20.054	202	593283	40.203	ng/ul#	95
83) Butylbenzylphthalate	20.929	149	207487	35.629	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.846	252	200420	37.858	ng/ul	98
85) Benzo(a)anthracene	21.940	228	541545	38.916	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.828	149	284465	35.569	ng/ul	97
87) Chrysene	22.010	228	521161	39.619	ng/ul	95
89) Di-n-octyl phthalate	23.127	149	458046	34.662	ng/ul	100
90) Benzo(b)fluoranthene	24.302	252	536178	37.629	ng/ul#	98
91) Benzo(k)fluoranthene	24.378	252	486321	35.906	ng/ul	99
93) Benzo(a)pyrene	25.248	252	505305	40.833	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.378	276	565508	34.643	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.455	278	491294	35.952	ng/ul#	99
96) Benzo(g,h,i)perylene	30.618	276	494450	36.029	ng/ul	94

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

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