Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050318.D
Acq On : 29 Sep 2021 19:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020519

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:19 AM

Quant Time: Sep 30 04:53:17 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	8.283	152	48845	20.000	ng/ul	0.00
20) Naphthalene-d8	11.109	136	197493	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.899	164	131554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	295537	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.943	240	299041	20.000	ng/ul	# 0.00
88) Perylene-d12	25.374	264	313986	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	11261	11.149	ng/uL	0.00
4) Pyridine-d5	4.082	84	82162	26.989	ng/ul	0.00
7) Phenol-d5	7.413	99	84552	21.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.595	67	53252	23.657	ng/ul	0.00
11) 2-Chlorophenol-d4	7.807	132	60338	21.405	ng/ul	0.00
15) 4-Methylphenol-d8	8.970	113	64493	21.110	ng/ul	0.00
21) Nitrobenzene-d5	9.452	128	29443	24.133	ng/ul	0.00
24) 2-Nitrophenol-d4	10.175	143	32129	23.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.709	165	62807	19.980	ng/ul	0.00
31) 4-Chloroaniline-d4	11.232	131	83299	20.171	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	179317	20.056	ng/ul	0.00
49) Acenaphthylene-d8	14.593	160	229715	20.439	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	33245	22.038	ng/ul	0.00
60) Fluorene-d10	15.886	176	165525	20.220	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	30348	24.238	ng/ul	0.00
73) Anthracene-d10	17.736	188	257017	20.418	ng/ul	0.00
81) Pyrene-d10	20.010	212	307936	19.019	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	325499	20.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.688	88	13046	10.238	ng/uL#	95
5) Pyridine	4.099	79	81851	25.927	ng/ul	95
6) Benzaldehyde	7.413	77	64879	26.356	ng/ul	94
8) Phenol	7.437	94	87183	22.191	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.689	93	66830	22.889	ng/ul	92
12) 2-Chlorophenol	7.836	128	62177	20.930	ng/ul#	78
13) 2-Methylphenol	8.706	108	65051	21.222	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.800	45	98266	25.440	ng/ul#	87
16) Acetophenone	9.105	105	102391	21.939	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.082	70	58149	21.917	ng/ul	97
18) 4-Methylphenol	9.035	108	69925	22.397	ng/ul	86
19) Hexachloroethane	9.376	117	27769	21.785	ng/ul	94
22) Nitrobenzene	9.493	77	84971	24.275	ng/ul	98
23) Isophorone	10.022	82	156381	21.182	ng/ul#	96
25) 2-Nitrophenol	10.210	139	33453	23.769	ng/ul#	85
26) 2,4-Dimethylphenol	10.251	107	76939	20.444	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.498	93	87038	21.596	ng/ul	98
29) 2,4-Dichlorophenol	10.739	162	59874	19.768	ng/ul	94
30) Naphthalene	11.156	128	207183	20.453	ng/ul	97
32) 4-Chloroaniline	11.256	127	84413	20.469	ng/ul	92
33) Hexachlorobutadiene	11.432	225	45694	18.185	ng/ul	93
34) Caprolactam	12.020	113	20288m	21.242	ng/ul	
35) 4-Chloro-3-methylphenol	12.343	107	68304	20.794	ng/ul	94
36) 2-Methylnaphthalene	12.742	142	138699	19.771	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.960	142	138547	19.560	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.101	216	80532	19.444	ng/ul#	97
40) Hexachlorocyclopentadiene	13.077	237	53765	18.819	ng/ul	99
41) 2,4,6-Trichlorophenol	13.330	196	52076	21.322	ng/ul	91
42) 2,4,5-Trichlorophenol	13.400	196	55953	21.293	ng/ul	92
43) 1,1'-Biphenyl	13.735	154	186459	20.893	ng/ul#	98
44) 2-Chloronaphthalene	13.782	162	146093	20.690	ng/ul	99
45) 2-Nitroaniline	13.976	65	48597	28.906	ng/ul	90
47) Dimethylphthalate	14.340	163	179433	19.923	ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	35200	24.689	ng/ul	89
50) Acenaphthylene	14.622	152	238394	20.996	ng/ul	96
51) 3-Nitroaniline	14.793	138	37936	23.798	ng/ul	90
52) Acenaphthene	14.963	153	154866	20.833	ng/ul	96
53) 2,4-Dinitrophenol	14.993	184	21655	23.989	ng/ul#	74
55) 4-Nitrophenol	15.069	109	33606	21.677	ng/ul#	67
56) Dibenzofuran	15.292	168	220691	19.839	ng/ul	96
57) 2,4-Dinitrotoluene	15.239	165	50814	25.149	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.510	232	46748	19.775	ng/ul#	96
59) Diethylphthalate	15.692	149	186059	20.095	ng/ul	97
61) Fluorene	15.938	166	173371	19.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.927	204	92846	18.925	ng/ul	92
63) 4-Nitroaniline	15.944	138	40185	24.489	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.003	198	30371	24.145	ng/ul#	97
67) N-Nitrosodiphenylamine	16.138	169	154743	20.707	ng/ul	97
68) 4-Bromophenyl-phenylether	16.820	248	61028	19.915	ng/ul	95
69) Hexachlorobenzene	16.937	284	66789	19.671	ng/ul	96
70) Atrazine	17.078	200	65868	19.977	ng/ul	91
71) Pentachlorophenol	17.278	266	41986	19.380	ng/ul	96
72) Phenanthrene	17.683	178	303076	20.663	ng/ul	96
74) Anthracene	17.772	178	304014	20.811	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.700	216	85751	20.411	ng/uL	93
76) Pentachlorobenzene	15.210	250	80902	19.971	ng/uL	96
77) Carbazole	18.036	167	280215	21.682	ng/ul	98
78) Di-n-butylphthalate	18.582	149	320758	21.525	ng/ul	99
80) Fluoranthene	19.675	202	388834	18.943	ng/ul#	88
82) Pyrene	20.040	202	381590	18.905	ng/ul#	90
83) Butylbenzylphthalate	20.915	149	144818	21.298	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.826	252	136116	21.254	ng/ul#	94
85) Benzo(a)anthracene	21.920	228	369392	20.512	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.808	149	207402	21.368	ng/ul#	99
87) Chrysene	21.990	228	353931	20.273	ng/ul	95
89) Di-n-octyl phthalate	23.101	149	352811	22.922	ng/ul	100
90) Benzo(b)fluoranthene	24.276	252	369074	20.081	ng/ul#	97
91) Benzo(k)fluoranthene	24.352	252	355712	20.611	ng/ul#	96
93) Benzo(a)pyrene	25.210	252	362519	20.766	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.323	276	412735m	20.233	ng/ul	
95) Dibenzo(a,h)anthracene	29.387	278	353265	20.092	ng/ul#	96
96) Benzo(g,h,i)perylene	30.545	276	346880	19.874	ng/ul#	91

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

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