Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
Data File : BG028601.D
Acq On : 8 Sep 2017 13:36
Operator : SJ/JU
Sample : SSTD00553
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00553

Manual Integrations APPROVED
Sohil
9/11/2017 4:46:35 PM

Quant Time: Sep 08 16:17:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 15:50:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	33392	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	133447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	93784	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	247982	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	297351	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	288274	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	1417	2.34	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.87	132	11064	5.13	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.50	128	5208	5.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	6795	5.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	11036	4.77	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.33	166	41132	5.06	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	44002	4.76	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.93	176	37514	4.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.79	188	61997	5.18	ng/ul	0.00
76) Pyrene-d10	20.07	212	70582	5.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	65272	4.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	1854	2.523	ng/uL#	84
10) 2-Chlorophenol	7.91	128	9586	4.783	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.12	70	9785	5.960	ng/ul#	90
17) Hexachloroethane	9.42	117	4450	5.513	ng/ul	89
20) Nitrobenzene	9.55	77	14514	6.394	ng/ul	96
21) Isophorone	10.06	82	27793	6.722	ng/ul#	91
23) 2-Nitrophenol	10.26	139	5723	5.034	ng/ul	95
24) 2,4-Dimethylphenol	10.31	107	14089	5.922	ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.53	93	13985	5.638	ng/ul	97
27) 2,4-Dichlorophenol	10.81	162	10961	4.898	ng/ul#	86
28) Naphthalene	11.21	128	33826	5.349	ng/ul#	89
31) Hexachlorobutadiene	11.47	225	9390	5.246	ng/ul#	90
33) 4-Chloro-3-methylphenol	12.42	107	12780	5.990	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	25909	5.067	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	16492	4.675	ng/ul	90
38) 2,4,6-Trichlorophenol	13.40	196	9878	4.642	ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	10772	4.711	ng/ul#	80
40) 1,1'-Biphenyl	13.78	154	34479	4.811	ng/ul	92
41) 2-Chloronaphthalene	13.83	162	26639	4.702	ng/ul	94
42) 2-Nitroaniline	14.03	65	10277	6.347	ng/ul	89
44) Dimethylphthalate	14.38	163	38725	5.231	ng/ul	96
45) 2,6-Dinitrotoluene	14.51	165	7687	5.133	ng/ul#	80
47) Acenaphthylene	14.67	152	43789	4.823	ng/ul#	97

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49) Acenaphthene	15.01	153	30653	4.990	ng/ul	99
53) Dibenzofuran	15.34	168	42934	4.727	ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	11699	5.359	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.58	232	10125	4.647	ng/ul#	84
56) Diethylphthalate	15.73	149	41706	5.402	ng/ul	95
58) Fluorene	15.99	166	39067	5.003	ng/ul#	97
59) 4-Chlorophenyl-phenylether	15.97	204	21257	4.910	ng/ul	88
64) N-Nitrosodiphenylamine	16.19	169	32456	4.856	ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	13863	4.587	ng/ul	88
66) Hexachlorobenzene	17.00	284	15189	4.781	ng/ul	98
69) Phenanthrene	17.74	178	64040	5.039	ng/ul	96
71) Anthracene	17.83	178	65075	4.995	ng/ul	99
73) Di-n-butylphthalate	18.63	149	69085	5.866	ng/ul#	96
77) Pyrene	20.10	202	85298	5.414	ng/ul	99
78) Butylbenzylphthalate	20.96	149	31484	6.234	ng/ul	87
80) Benzo(a)anthracene	22.01	228	85810	5.335	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.86	149	46190	6.418	ng/ul	93
82) Chrysene	22.08	228	78285	5.347	ng/ul	96
85) Benzo(b)fluoranthene	24.41	252	83988	5.106	ng/ul	96
86) Benzo(k)fluoranthene	24.49	252	83591m	5.180	ng/ul	
88) Benzo(a)pyrene	25.36	252	80715	5.078	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.56	276	96174	5.335	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.62	278	78165	5.166	ng/ul	93
91) Benzo(g,h,i)perylene	30.83	276	77973	5.243	ng/ul	95

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

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