Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024903.D
Acq On : 23 Nov 2016 11:02
Operator : UM/SJ
Sample : SSTD01027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01027

Manual Integrations APPROVED
sohil
11/28/2016 4:44:18 PM

Quant Time: Nov 23 14:19:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	68698	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	284243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	257872	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	632083m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	797773	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	821878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	5530	4.17	ng/uL	0.00
5) Phenol-d5	7.39	99	59206	10.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	37673	10.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	42686	10.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	53323	10.79	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	21500	9.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	25318	9.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	53286	10.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	65974	11.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	193989	10.32	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	217906	10.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	34071	10.18	ng/ul	0.00
57) Fluorene-d10	15.85	176	181262	10.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	42402	9.76	ng/ul	0.00
70) Anthracene-d10	17.71	188	299186	10.72	ng/ul	0.00
76) Pyrene-d10	19.98	212	372538	10.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	366273	10.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	6976	4.20	ng/uL#	85
4) Benzaldehyde	7.38	77	47736	12.59	ng/ul	92
6) Phenol	7.41	94	62782	10.21	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.66	93	45742	10.45	ng/ul	96
10) 2-Chlorophenol	7.81	128	39028	9.56	ng/ul	96
11) 2-Methylphenol	8.68	108	43653	9.69	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.78	45	77372	10.41	ng/ul#	95
14) Acetophenone	9.08	105	78988	10.61	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.05	70	48572	11.49	ng/ul#	77
16) 4-Methylphenol	9.01	108	50376	10.34	ng/ul	99
17) Hexachloroethane	9.34	117	19357	10.36	ng/ul#	88
20) Nitrobenzene	9.47	77	68772	10.76	ng/ul	96
21) Isophorone	9.98	82	128340	10.77	ng/ul	98
23) 2-Nitrophenol	10.19	139	27698	10.67	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	67483	10.95	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.46	93	68041	10.87	ng/ul#	88
27) 2,4-Dichlorophenol	10.72	162	53481	10.91	ng/ul#	90
28) Naphthalene	11.13	128	142838	10.48	ng/ul	99
30) 4-Chloroaniline	11.23	127	63554	11.53	ng/ul	96
31) Hexachlorobutadiene	11.39	225	41520	9.65	ng/ul#	88
32) Caprolactam	11.98	113	20737	10.73	ng/ul	85
33) 4-Chloro-3-methylphenol	12.33	107	68476	11.54	ng/ul#	96
34) 2-Methylnaphthalene	12.71	142	117748	10.98	ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024903.D
Acq On : 23 Nov 2016 11:02
Operator : UM/SJ
Sample : SSTD01027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01027

Manual Integrations APPROVED
sohil
11/28/2016 4:44:18 PM

Quant Time: Nov 23 14:19:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	84922	10.15	ng/ul#	84
37) Hexachlorocyclopentadiene	13.04	237	39478	7.32	ng/ul#	91
38) 2,4,6-Trichlorophenol	13.31	196	50702	9.96	ng/ul#	79
39) 2,4,5-Trichlorophenol	13.38	196	58974	10.66	ng/ul	92
40) 1,1'-Biphenyl	13.71	154	170354	10.26	ng/ul#	93
41) 2-Chloronaphthalene	13.75	162	135924	10.54	ng/ul	97
42) 2-Nitroaniline	13.96	65	55765	10.90	ng/ul	96
44) Dimethylphthalate	14.31	163	198259	10.99	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	42900	11.31	ng/ul#	87
47) Acenaphthylene	14.59	152	212180	10.70	ng/ul	95
48) 3-Nitroaniline	14.77	138	37978	10.84	ng/ul#	94
49) Acenaphthene	14.93	153	145599	10.37	ng/ul	95
50) 2,4-Dinitrophenol	14.98	184	23274	8.58	ng/ul#	81
52) 4-Nitrophenol	15.06	109	40154	10.02	ng/ul#	88
53) Dibenzofuran	15.26	168	227477	10.59	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	61478	10.72	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.48	232	64203	11.16	ng/ul#	93
56) Diethylphthalate	15.66	149	203234	10.61	ng/ul	98
58) Fluorene	15.91	166	186288	10.68	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.89	204	102942	10.44	ng/ul	85
60) 4-Nitroaniline	15.93	138	41163	10.33	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.98	198	39665m	9.00	ng/ul	
64) N-Nitrosodiphenylamine	16.10	169	178777	10.47	ng/ul	92
65) 4-Bromophenyl-phenylether	16.79	248	78994	10.28	ng/ul	95
66) Hexachlorobenzene	16.91	284	91178	10.72	ng/ul	93
67) Atrazine	17.04	200	82572	10.31	ng/ul	92
68) Pentachlorophenol	17.25	266	44130	8.79	ng/ul	96
69) Phenanthrene	17.66	178	341730m	10.84	ng/ul	
71) Anthracene	17.74	178	350893	10.77	ng/ul	97
72) Carbazole	18.01	167	303452	11.35	ng/ul	96
73) Di-n-butylphthalate	18.54	149	361176m	10.72	ng/ul	
74) Fluoranthene	19.65	202	432668	11.82	ng/ul	98
77) Pyrene	20.01	202	445764	11.37	ng/ul	98
78) Butylbenzylphthalate	20.86	149	165242	10.30	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.79	252	156379	10.19	ng/ul#	99
80) Benzo(a)anthracene	21.89	228	454418	10.47	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.74	149	234151	10.66	ng/ul	98
82) Chrysene	21.95	228	430620	10.58	ng/ul	97
84) Di-n-octyl phthalate	23.01	149	402605	11.57	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	447823m	10.34	ng/ul	
86) Benzo(k)fluoranthene	24.30	252	435501	10.59	ng/ul	99
88) Benzo(a)pyrene	25.16	252	441185	10.53	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.26	276	537314	10.26	ng/ul	99
90) Dibenzo(a,h)anthracene	29.31	278	436623	10.00	ng/ul#	91
91) Benzo(g,h,i)perylene	30.48	276	430235	9.97	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024903.D
Acq On : 23 Nov 2016 11:02
Operator : UM/SJ
Sample : SSTD01027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 23 14:19:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01027

Manual Integrations APPROVED
sohil
11/28/2016 4:44:18 PM