Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047027.D
Acq On : 22 Oct 2020 11:35
Operator : CG/JU
Sample : L4425-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2P77

Quant Time: Oct 22 12:15:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:48:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	193243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	134268	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	321147	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	329311	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	337302	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5107	4.21	ng/uL	0.00
5) Phenol-d5	7.22	99	132806	31.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	78576	32.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	101099	30.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	93001	27.47	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	51966	32.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	59158	31.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	114292	30.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	111419	35.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	379209	34.35	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	400965	30.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	53989	31.07	ng/ul	0.00
58) Fluorene-d10	15.68	176	336397	32.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	76065	34.34	ng/ul	0.00
71) Anthracene-d10	17.53	188	503078	32.32	ng/ul	0.00
79) Pyrene-d10	19.82	212	649507	34.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	642295	34.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	13554	10.429	ng/uL	89
12) 2,2'-oxybis(1-Chloropropan	8.58	45	102195	21.195	ng/ul#	96
20) Nitrobenzene	9.27	77	98194	22.452	ng/ul	95
23) 2-Nitrophenol	9.98	139	58184	29.984	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.27	93	85249	19.180	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	75002	21.539	ng/ul	95
28) Naphthalene	10.92	128	138811	12.786	ng/ul	96
33) 4-Chloro-3-methylphenol	12.14	107	236814	66.147	ng/ul	95
34) 2-Methylnaphthalene	12.53	142	247646	31.974	ng/ul	96
38) Hexachlorocyclopentadiene	12.87	237	90058	27.464	ng/ul	96
39) 2,4,6-Trichlorophenol	13.13	196	64317	20.169	ng/ul	92
42) 2-Chloronaphthalene	13.57	162	207901	24.333	ng/ul	100
46) 2,6-Dinitrotoluene	14.26	165	35301	14.721	ng/ul	91
48) Acenaphthylene	14.41	152	246996	20.214	ng/ul	98
50) Acenaphthene	14.75	153	136301	15.418	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	116136	35.257	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.31	232	137492	40.072	ng/ul	92
59) Fluorene	15.74	166	152659	14.456	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.73	204	146892	24.244	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	244387	107.035	ng/ul	95
66) 4-Bromophenyl-phenylether	16.62	248	128261	30.109	ng/ul	100
67) Hexachlorobenzene	16.75	284	134835	29.905	ng/ul	98
70) Phenanthrene	17.48	178	286102	15.884	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
72) Anthracene	17.57	178	336966	18.616 ng/ul	98
77) Fluoranthene	19.48	202	873322	40.284 ng/ul	99
80) Pyrene	19.85	202	354818	15.745 ng/ul	99
83) Benzo(a)anthracene	21.69	228	362433	16.246 ng/ul	99
85) Chrysene	21.75	228	331574	15.448 ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	1099563	49.074 ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	322740	14.865 ng/ul	98
91) Benzo(a)pyrene	24.79	252	279180	13.837 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.62	276	414309	16.523 ng/ul	95
93) Dibenzo(a,h)anthracene	28.69	278	410365	20.176 ng/ul	100
94) Benzo(g,h,i)perylene	29.78	276	365350	17.434 ng/ul	95

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

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