Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056889.D
Acq On : 8 Mar 2023 20:35
Operator : CG/JU
Sample : 01784-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 09 00:01:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DCAD8

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.417	152	13885	20.000	ng/ul		0.00
20) Naphthalene-d8	11.261	136	57514	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	15.033	164	46277	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.771	188	125419	20.000	ng/ul		0.00
79) Chrysene-d12	22.095	240	128960	20.000	ng/ul		0.00
88) Perylene-d12	25.644	264	141215	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.693	96	1129	3.153	ng/uL		0.00
4) Pyridine-d5	4.134	84	7060m	6.061	ng/ul		0.00
7) Phenol-d5	7.542	99	6323	4.443	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	23973	26.819	ng/ul		0.00
11) 2-Chlorophenol-d4	7.936	132	17947	20.150	ng/ul		0.00
15) 4-Methylphenol-d8	9.105	113	12906	12.019	ng/ul		0.00
21) Nitrobenzene-d5	9.592	128	13345	27.975	ng/ul		0.00
24) 2-Nitrophenol-d4	10.321	143	14452	25.609	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.862	165	27725	25.364	ng/ul		0.00
31) 4-Chloroaniline-d4	11.379	131	23824	16.541	ng/ul		0.00
46) Dimethylphthalate-d6	14.416	166	128338	32.422	ng/ul		0.00
49) Acenaphthylene-d8	14.728	160	125356	28.842	ng/ul		0.00
54) 4-Nitrophenol-d4	15.192	143	3921	5.846	ng/ul		0.00
60) Fluorene-d10	16.014	176	111863	30.476	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.120	200	29053	32.053	ng/ul		0.00
73) Anthracene-d10	17.871	188	203533	33.577	ng/ul		0.00
81) Pyrene-d10	20.133	212	264471	33.669	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.403	264	263437	34.069	ng/ul		0.00
Target Compounds							Qvalue
30) Naphthalene	11.314	128	342606	107.840	ng/ul		98
36) 2-Methylnaphthalene	12.883	142	22508	9.849	ng/ul		89
37) 1-Methylnaphthalene	13.100	142	35670	15.622	ng/ul		94
42) 2,4,5-Trichlorophenol	13.547	196	2862	2.309	ng/ul	#	90
43) 1,1'-Biphenyl	13.870	154	30077	8.678	ng/ul		98
50) Acenaphthylene	14.757	152	8844	2.014	ng/ul		97
52) Acenaphthene	15.098	153	96881	31.537	ng/ul		95
56) Dibenzofuran	15.427	168	54761	11.661	ng/ul		99
58) 2,3,4,6-Tetrachlorophenol	15.644	232	7777	6.510	ng/ul	#	98
61) Fluorene	16.073	166	9388	2.510	ng/ul	#	93
71) Pentachlorophenol	17.413	266	30334	30.496	ng/ul		98
72) Phenanthrene	17.812	178	59116	8.759	ng/ul		98
74) Anthracene	17.906	178	8149	1.185	ng/ul		98
77) Carbazole	18.165	167	147532	25.284	ng/ul		100
80) Fluoranthene	19.798	202	16164	1.726	ng/ul		97
82) Pyrene	20.162	202	10015	1.068	ng/ul	#	87

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

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