Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 02 11:38:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	17207	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	71497	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	50681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	106189	20.000	ng/ul	0.00
79) Chrysene-d12	22.047	240	93941	20.000	ng/ul	# 0.00
88) Perylene-d12	25.578	264	99034	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	517	1.322	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.520	99	17092	10.503	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.684	67	11042	11.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.907	132	12464	11.623	ng/ul	0.00
15) 4-Methylphenol-d8	9.076	113	12618	10.202	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	7248	12.730	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	7985	12.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.833	165	14713	11.477	ng/ul	0.00
31) 4-Chloroaniline-d4	11.350	131	5783m	3.404	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166	53702	13.373	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	64161	14.215	ng/ul	0.00
54) 4-Nitrophenol-d4	15.186	143	2860	4.893	ng/ul	0.00
60) Fluorene-d10	15.979	176	49292	13.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	1931	3.069	ng/ul	0.00
73) Anthracene-d10	17.829	188	70878	14.623	ng/ul	0.00
81) Pyrene-d10	20.097	212	80907	14.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.331	264	73303	14.528	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.212	105	2886	1.356	ng/ul	98
72) Phenanthrene	17.776	178	35029	6.335	ng/ul	99
74) Anthracene	17.865	178	7205	1.297	ng/ul	97
78) Di-n-butylphthalate	18.652	149	13003	2.450	ng/ul#	96
80) Fluoranthene	19.768	202	92532	13.970	ng/ul#	97
82) Pyrene	20.126	202	87679	13.076	ng/ul	98
83) Butylbenzylphthalate	20.978	149	12441	5.794	ng/ul	90
85) Benzo(a)anthracene	22.024	228	51794	7.796	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.871	149	118758	38.025	ng/ul	96
87) Chrysene	22.094	228	54220	8.650	ng/ul	96
89) Di-n-octyl phthalate	23.175	149	10858	1.985	ng/ul	100
90) Benzo(b)fluoranthene	24.450	252	75832	11.057	ng/ul#	90
91) Benzo(k)fluoranthene	24.509	252	30953m	4.639	ng/ul	
93) Benzo(a)pyrene	25.401	252	53438	9.026	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.637	276	41954m	5.669	ng/ul	
95) Dibenzo(a,h)anthracene	29.678	278	12790m	2.084	ng/ul	
96) Benzo(g,h,i)perylene	30.923	276	40024	6.682	ng/ul#	92

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

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