Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
Data File : BP017403.D
Acq On : 27 Sep 2023 18:17
Operator : MA/JU
Sample : 04359-07 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JLAD5

Quant Time: Sep 27 22:31:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	1846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	7335	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.581	164	4947	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.351	188	11329	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	11131	20.000	ng/ul	# 0.00
88) Perylene-d12	23.804	264	1623492	20.000	ng/ul	-0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	7981	177.581	ng/uL	0.00
4) Pyridine-d5	3.734	84	92605	737.048	ng/ul	0.00
7) Phenol-d5	7.075	99	78502	517.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	259125	2832.071	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	255326	2123.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	149786	1270.761	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	156611	2953.385	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	162708	2825.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	280209	2575.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	351612	2231.333	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1017891	2872.250	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1094444	2685.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	17344	280.917	ng/ul	0.00
60) Fluorene-d10	15.581	176	907162	2973.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	117082	1833.631	ng/ul	0.00
73) Anthracene-d10	17.451	188	1614024	3212.311	ng/ul	0.00
81) Pyrene-d10	19.692	212	1949854	3239.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	1587757	20.313	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	1063	23.096	ng/uL#	1
5) Pyridine	3.752	79	135	1.035	ng/ul#	1
6) Benzaldehyde	7.081	77	6449	83.352	ng/ul	86
8) Phenol	7.099	94	678	4.446	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.364	93	160	1.298	ng/ul#	68
13) 2-Methylphenol	8.216	108	144	1.276	ng/ul	84
16) Acetophenone	8.769	105	6687	36.713	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.722	70	129	1.419	ng/ul#	1
22) Nitrobenzene	9.299	77	142	1.055	ng/ul	98
30) Naphthalene	10.799	128	2152	5.635	ng/ul#	88
36) 2-Methylnaphthalene	12.404	142	769	3.085	ng/ul	90
37) 1-Methylnaphthalene	12.616	142	558	2.190	ng/ul#	51
43) 1,1'-Biphenyl	13.422	154	859	2.289	ng/ul#	1
45) 2-Nitroaniline	13.710	65	75	1.026	ng/ul#	25
47) Dimethylphthalate	14.046	163	480	1.345	ng/ul#	81
48) 2,6-Dinitrotoluene	14.322	165	70	1.129	ng/ul	100
52) Acenaphthene	14.646	153	3698	11.748	ng/ul	98
55) 4-Nitrophenol	14.828	109	78	1.617	ng/ul#	1
57) 2,4-Dinitrotoluene	14.975	165	288	3.153	ng/ul#	51
59) Diethylphthalate	15.393	149	1609	4.662	ng/ul#	97
63) 4-Nitroaniline	15.704	138	972	16.321	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.710	198	395	5.734	ng/ul#	1
72) Phenanthrene	17.392	178	1941	3.271	ng/ul#	89
78) Di-n-butylphthalate	18.287	149	7219	12.273	ng/ul#	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.369	202	849	1.209	ng/ul#	66
82) Pyrene	19.692	202	3589	4.809	ng/ul#	1
83) Butylbenzylphthalate	20.728	149	361	1.364	ng/ul	94
85) Benzo(a)anthracene	21.445	228	996	1.326	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.316	149	3107	8.131	ng/ul#	86
87) Chrysene	21.504	228	1517	2.146	ng/ul#	90

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

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