Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015993.D
Acq On : 05 Jul 2023 01:18
Operator : MA/JU
Sample : 03244-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF9

Quant Time: Jul 05 02:51:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	2578	20.000	ng/ul	# 0.01
20) Naphthalene-d8	10.916	136	29346	20.000	ng/ul	# 0.05
38) Acenaphthene-d10	14.710	164	18404	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.475	188	34761	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.563	240	26955	20.000	ng/ul	# 0.01
88) Perylene-d12	24.110	264	27158	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	6402	89.347	ng/uL	0.00
4) Pyridine-d5	3.817	84	867	4.800	ng/ul	0.00
7) Phenol-d5	7.275	99	98481	446.469	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.393	67	67917	497.684	ng/ul	0.02
11) 2-Chlorophenol-d4	7.605	132	82896	497.852	ng/ul	0.03
15) 4-Methylphenol-d8	8.869	113	71599	410.891	ng/ul	0.09
21) Nitrobenzene-d5	9.287	128	44988	200.595	ng/ul	0.05
24) 2-Nitrophenol-d4	10.028	143	19128	73.076	ng/ul	0.07
28) 2,4-Dichlorophenol-d3	10.622	165	74228	159.136	ng/ul	0.11
31) 4-Chloroaniline-d4	11.122	131	25498	42.554	ng/ul	0.09
46) Dimethylphthalate-d6	14.128	166	298749	210.019	ng/ul	0.02
49) Acenaphthylene-d8	14.410	160	326899	204.431	ng/ul	0.02
54) 4-Nitrophenol-d4	14.963	143	144	0.767	ng/ul	0.01
60) Fluorene-d10	15.710	176	241921	206.545	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.928	200	6935	32.440	ng/ul	0.07
73) Anthracene-d10	17.575	188	285604	179.872	ng/ul	0.02
81) Pyrene-d10	19.792	212	361156	205.190	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	302933	221.124	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	112	1.452	ng/uL#	14
5) Pyridine	3.846	79	255	1.350	ng/ul#	1
6) Benzaldehyde	7.181	77	146	1.637	ng/ul#	26
8) Phenol	7.305	94	13771	60.162	ng/ul	96
16) Acetophenone	8.952	105	102812	358.924	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.869	70	324	2.037	ng/ul#	1
22) Nitrobenzene	9.287	77	1452	2.305	ng/ul#	51
34) Caprolactam	11.910	113	169	1.191	ng/ul#	43
72) Phenanthrene	17.516	178	6976	3.694	ng/ul#	95
74) Anthracene	17.616	178	2431	1.281	ng/ul#	49
78) Di-n-butylphthalate	18.386	149	5153	2.430	ng/ul#	89
80) Fluoranthene	19.475	202	21815	9.973	ng/ul#	87
82) Pyrene	19.822	202	19163	8.588	ng/ul#	77
85) Benzo(a)anthracene	21.551	228	12984	6.848	ng/ul#	70
87) Chrysene	21.604	228	14775	8.213	ng/ul#	85
90) Benzo(b)fluoranthene	23.321	252	25415	14.564	ng/ul#	55
91) Benzo(k)fluoranthene	23.321	252	25415	14.415	ng/ul#	54
93) Benzo(a)pyrene	23.986	252	13247	8.688	ng/ul#	51
94) Indeno(1,2,3-cd)pyrene	26.821	276	13538	6.540	ng/ul#	69
96) Benzo(g,h,i)perylene	27.651	276	4051	2.379	ng/ul#	56

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

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