Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
Data File : BM034958.D
Acq On : 10 May 2022 11:18
Operator : CG/JU
Sample : SSTD00532
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005032

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022

Quant Time: May 10 16:06:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:06:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	187022	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	814209	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	524037	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	984162	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.468	240	704357	20.000	ng/ul	# 0.00
88) Perylene-d12	23.856	264	668123	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	9244	2.172	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.451	132	54007	4.517	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.075	128	26099	4.388	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	25535	4.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	51937	3.993	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.963	166	182391	4.781	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	216088	4.404	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.539	176	156354	4.736	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.392	188	214111	4.468	ng/ul	0.00
81) Pyrene-d10	19.680	212	204624	5.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	145642	4.310	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	8551	2.056	ng/uL	94
12) 2-Chlorophenol	7.481	128	57450	4.748	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.728	70	48612	5.853	ng/ul	91
19) Hexachloroethane	9.004	117	24899	4.911	ng/ul	90
22) Nitrobenzene	9.116	77	68383	5.093	ng/ul	93
23) Isophorone	9.645	82	119717	4.863	ng/ul	96
25) 2-Nitrophenol	9.834	139	28195	4.158	ng/ul	91
26) 2,4-Dimethylphenol	9.898	107	66411	4.654	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.134	93	80839	5.238	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	51938	4.093	ng/ul	96
30) Naphthalene	10.775	128	204979	4.927	ng/ul	99
33) Hexachlorobutadiene	11.069	225	36987	4.034	ng/ul	98
35) 4-Chloro-3-methylphenol	12.004	107	54079	4.498	ng/ul	96
36) 2-Methylnaphthalene	12.381	142	137757	4.778	ng/ul	99
37) 1-Methylnaphthalene	12.598	142	141899	4.890	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	67011	4.016	ng/ul	95
41) 2,4,6-Trichlorophenol	12.986	196	37964	3.783	ng/ul	95
42) 2,4,5-Trichlorophenol	13.057	196	41503	3.865	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	191313	4.723	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	144631	4.585	ng/ul	97
45) 2-Nitroaniline	13.627	65	32008	4.706	ng/ul	87
47) Dimethylphthalate	14.010	163	181067	4.848	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	28232	4.194	ng/ul#	85
50) Acenaphthylene	14.275	152	223441	4.567	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.616	153	158041	4.901	ng/ul	97
56) Dibenzofuran	14.951	168	220050	4.797	ng/ul	93
57) 2,4-Dinitrotoluene	14.910	165	39149	4.141	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.174	232	32773	3.837	ng/ul	93
59) Diethylphthalate	15.369	149	184025	5.026	ng/ul	98
61) Fluorene	15.598	166	177623	4.810	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	82590	4.349	ng/ul	91
67) N-Nitrosodiphenylamine	15.804	169	141787	4.684	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	44187	4.084	ng/ul#	90
69) Hexachlorobenzene	16.604	284	53018	4.288	ng/ul#	90
72) Phenanthrene	17.333	178	259959	4.804	ng/ul	99
74) Anthracene	17.427	178	256362	4.659	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	67277	4.060	ng/uL	97
76) Pentachlorobenzene	14.874	250	65617	4.296	ng/uL	99
78) Di-n-butylphthalate	18.268	149	247778	4.514	ng/ul#	98
80) Fluoranthene	19.345	202	246234	5.494	ng/ul#	95
82) Pyrene	19.709	202	257485	5.578	ng/ul	96
83) Butylbenzylphthalate	20.609	149	78553	4.855	ng/ul	90
85) Benzo(a)anthracene	21.456	228	205344	4.689	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	111565	4.349	ng/ul#	98
87) Chrysene	21.503	228	206763	4.801	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	192450	4.713	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	194070m	5.006	ng/ul	
93) Benzo(a)pyrene	23.744	252	182320	4.454	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.321	276	215703	4.366	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.338	278	182887	4.281	ng/ul#	95
96) Benzo(g,h,i)perylene	27.074	276	183962	4.404	ng/ul#	91

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

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