Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038606.D
Acq On : 30 Jan 2023 14:54
Operator : CG/JU
Sample : SSTD01022
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010027

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2023
Supervised By :Yogesh Patel 01/31/2023

Quant Time: Jan 31 00:21:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 00:17:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	28876	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	89810	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	65028	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	150964	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.503	240	147963	20.000	ng/ul	# 0.00
88) Perylene-d12	23.915	264	216741	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3400	4.217	ng/uL	0.00
4) Pyridine-d5	3.769	84	16467	8.120	ng/ul	0.00
7) Phenol-d5	7.122	99	17877	9.275	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	11345	10.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	15920	9.960	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	14123	9.183	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	6910	10.150	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	8721	9.701	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	20231	10.168	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	16948	8.765	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	52556	9.784	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	53728	9.399	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	5434	7.313	ng/ul	0.00
60) Fluorene-d10	15.580	176	46280	9.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	11454	8.864	ng/ul	0.00
73) Anthracene-d10	17.427	188	71821	9.460	ng/ul	0.00
81) Pyrene-d10	19.721	212	82044	10.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	105881	9.517	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	3482	3.990	ng/uL	98
5) Pyridine	3.787	79	18923	9.086	ng/ul	93
6) Benzaldehyde	7.098	77	8968	10.091	ng/ul	89
8) Phenol	7.151	94	17545	9.092	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.381	93	13322	9.662	ng/ul#	84
12) 2-Chlorophenol	7.516	128	15976	9.960	ng/ul	97
13) 2-Methylphenol	8.404	108	13319	9.084	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.481	45	14251	10.004	ng/ul	96
16) Acetophenone	8.787	105	24875	9.155	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.769	70	12757	10.217	ng/ul#	92
18) 4-Methylphenol	8.734	108	14337	9.212	ng/ul	95
19) Hexachloroethane	9.034	117	7748	9.577	ng/ul	81
22) Nitrobenzene	9.169	77	20982	10.240	ng/ul	94
23) Isophorone	9.692	82	30795	9.933	ng/ul	96
25) 2-Nitrophenol	9.886	139	8728	9.794	ng/ul	94
26) 2,4-Dimethylphenol	9.939	107	19494	10.071	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.181	93	16389	10.367	ng/ul	96
29) 2,4-Dichlorophenol	10.416	162	19367	10.241	ng/ul	90
30) Naphthalene	10.816	128	43111	9.675	ng/ul	98
32) 4-Chloroaniline	10.934	127	15969	8.230	ng/ul	95
33) Hexachlorobutadiene	11.086	225	21142	10.758	ng/ul	97
34) Caprolactam	11.716	113	2838m	7.637	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	14600	9.774	ng/ul	90
36) 2-Methylnaphthalene	12.422	142	32013	9.659	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.639	142	32653	9.544	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.786	216	33566	10.486	ng/ul	97
40)	Hexachlorocyclopentadiene	12.757	237	22703	9.939	ng/ul	99
41)	2,4,6-Trichlorophenol	13.027	196	20378	10.456	ng/ul	90
42)	2,4,5-Trichlorophenol	13.104	196	21797	10.473	ng/ul	95
43)	1,1'-Biphenyl	13.427	154	48524	9.705	ng/ul	99
44)	2-Chloronaphthalene	13.469	162	41004	9.871	ng/ul	95
45)	2-Nitroaniline	13.686	65	10190	9.172	ng/ul	100
47)	Dimethylphthalate	14.051	163	52950	10.018	ng/ul	97
48)	2,6-Dinitrotoluene	14.180	165	9517	9.722	ng/ul	89
50)	Acenaphthylene	14.316	152	53613	9.379	ng/ul	99
51)	3-Nitroaniline	14.510	138	5042	7.156	ng/ul	94
52)	Acenaphthene	14.651	153	39661	9.321	ng/ul	95
53)	2,4-Dinitrophenol	14.721	184	5592	7.106	ng/ul#	88
55)	4-Nitrophenol	14.816	109	9713	7.791	ng/ul	91
56)	Dibenzofuran	14.986	168	60727	9.596	ng/ul	95
57)	2,4-Dinitrotoluene	14.963	165	13520	9.370	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.216	232	18306	10.046	ng/ul#	91
59)	Diethylphthalate	15.404	149	47507	9.587	ng/ul	95
61)	Fluorene	15.633	166	48233	9.050	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.627	204	37148	9.906	ng/ul	92
63)	4-Nitroaniline	15.668	138	4046	7.127	ng/ul	84
66)	4,6-Dinitro-2-methylph...	15.721	198	10900	8.938	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.845	169	42152	9.904	ng/ul	96
68)	4-Bromophenyl-phenylether	16.521	248	21386	10.054	ng/ul	95
69)	Hexachlorobenzene	16.633	284	25662	10.335	ng/ul	95
70)	Atrazine	16.792	200	19968	9.350	ng/ul	94
71)	Pentachlorophenol	16.980	266	14141	8.903	ng/ul	91
72)	Phenanthrene	17.374	178	74203	9.405	ng/ul	99
74)	Anthracene	17.462	178	77720	9.408	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.392	216	31466	10.844	ng/uL	96
76)	Pentachlorobenzene	14.904	250	32754	10.848	ng/uL	97
77)	Carbazole	17.739	167	56737	7.912	ng/ul	98
78)	Di-n-butylphthalate	18.292	149	61353	8.843	ng/ul	99
80)	Fluoranthene	19.386	202	95138	10.766	ng/ul	99
82)	Pyrene	19.745	202	99553	10.615	ng/ul	98
83)	Butylbenzylphthalate	20.633	149	25389	9.386	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.427	252	34667	9.537	ng/ul	96
85)	Benzo(a)anthracene	21.492	228	104628	9.982	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.403	149	34413	8.941	ng/ul#	97
87)	Chrysene	21.545	228	95275	9.821	ng/ul	98
89)	Di-n-octyl phthalate	22.327	149	64815	7.061	ng/ul	100
90)	Benzo(b)fluoranthene	23.174	252	128219	9.569	ng/ul	99
91)	Benzo(k)fluoranthene	23.221	252	129318	9.686	ng/ul	98
93)	Benzo(a)pyrene	23.803	252	118763	9.571	ng/ul#	99
94)	Indeno(1,2,3-cd)pyrene	26.415	276	191280	9.752	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.432	278	160444	9.638	ng/ul	99
96)	Benzo(g,h,i)perylene	27.191	276	156331	9.819	ng/ul	100

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

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