Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042919.D
Acq On : 20 Nov 2023 01:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020155

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 20 01:58:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	34379	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	135890	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	90394	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	199434	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	217325	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	245666	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8467	7.728	ng/uL	0.00
4) Pyridine-d5	3.604	84	52769	19.362	ng/ul	0.00
7) Phenol-d5	6.975	99	63195	18.887	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	48584	20.664	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	46977	18.196	ng/ul	0.00
15) 4-Methylphenol-d8	8.533	113	47505	18.032	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	21564	18.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	24046	17.253	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	48479	18.707	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	57320	17.420	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	151441	17.702	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	167619	18.312	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	11872	12.283	ng/ul	0.00
60) Fluorene-d10	15.462	176	126134	17.804	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	21721	14.379	ng/ul	0.00
73) Anthracene-d10	17.321	188	195223	17.467	ng/ul	0.00
81) Pyrene-d10	19.615	212	251610	17.680	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	266205	18.116	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	8770	7.516	ng/uL#	81
5) Pyridine	3.628	79	58942	19.889	ng/ul	95
6) Benzaldehyde	6.981	77	44429	23.144	ng/ul	95
8) Phenol	7.004	94	61155	18.375	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.251	93	51377	18.688	ng/ul	92
12) 2-Chlorophenol	7.363	128	48441	18.853	ng/ul	90
13) 2-Methylphenol	8.263	108	43624	17.577	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.322	45	108576m	21.695	ng/ul	
16) Acetophenone	8.663	105	78167	17.645	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.628	70	51284	19.017	ng/ul	89
18) 4-Methylphenol	8.598	108	48582	18.005	ng/ul	98
19) Hexachloroethane	8.863	117	27734	19.367	ng/ul	96
22) Nitrobenzene	9.057	77	73796	20.494	ng/ul	92
23) Isophorone	9.557	82	133157	18.567	ng/ul	97
25) 2-Nitrophenol	9.757	139	26810	18.933	ng/ul	90
26) 2,4-Dimethylphenol	9.798	107	55274	18.244	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.051	93	70469	19.445	ng/ul	96
29) 2,4-Dichlorophenol	10.275	162	46125	18.799	ng/ul	97
30) Naphthalene	10.669	128	155342	18.247	ng/ul	99
32) 4-Chloroaniline	10.822	127	56301	17.835	ng/ul	100
33) Hexachlorobutadiene	10.892	225	42231	19.485	ng/ul	97
34) Caprolactam	11.639	113	11264m	15.483	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	47163	17.939	ng/ul	100
36) 2-Methylnaphthalene	12.286	142	105620	18.511	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	109521	18.256	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	69827	19.697	ng/ul	96
40) Hexachlorocyclopentadiene	12.574	237	28842	17.184	ng/ul	97
41) 2,4,6-Trichlorophenol	12.898	196	40141	18.537	ng/ul	96
42) 2,4,5-Trichlorophenol	12.980	196	40976	19.597	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	143179	18.993	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	113897	18.781	ng/ul	97
45) 2-Nitroaniline	13.604	65	37033	18.724	ng/ul	91
47) Dimethylphthalate	13.939	163	147635	17.717	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	26773	17.102	ng/ul	93
50) Acenaphthylene	14.198	152	188373	18.366	ng/ul	98
51) 3-Nitroaniline	14.439	138	19998	15.622	ng/ul	97
52) Acenaphthene	14.533	153	127902	18.438	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	8213	10.551	ng/ul#	80
55) 4-Nitrophenol	14.733	109	24671	16.220	ng/ul	94
56) Dibenzofuran	14.868	168	178510	18.541	ng/ul	96
57) 2,4-Dinitrotoluene	14.880	165	40016	17.411	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.092	232	39077	18.004	ng/ul#	96
59) Diethylphthalate	15.286	149	153141	17.526	ng/ul	100
61) Fluorene	15.515	166	152360	18.639	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.509	204	83368	18.924	ng/ul	96
63) 4-Nitroaniline	15.604	138	18442	15.802	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.621	198	23005	14.958	ng/ul#	78
67) N-Nitrosodiphenylamine	15.739	169	116257	18.586	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	48767	18.370	ng/ul	92
69) Hexachlorobenzene	16.486	284	59334	18.283	ng/ul	96
70) Atrazine	16.686	200	43856	18.202	ng/ul	98
71) Pentachlorophenol	16.856	266	29864	15.981	ng/ul	98
72) Phenanthrene	17.262	178	229830	18.447	ng/ul	98
74) Anthracene	17.356	178	236914	18.905	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	70447	19.977	ng/uL	96
76) Pentachlorobenzene	14.762	250	71314	19.273	ng/uL	98
77) Carbazole	17.651	167	178704	17.269	ng/ul	99
78) Di-n-butylphthalate	18.168	149	261378	17.273	ng/ul	98
80) Fluoranthene	19.280	202	279125	17.202	ng/ul	99
82) Pyrene	19.645	202	309525	17.990	ng/ul	99
83) Butylbenzylphthalate	20.533	149	118617	16.141	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.339	252	89938	16.170	ng/ul	98
85) Benzo(a)anthracene	21.391	228	314173	18.416	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	172827	15.501	ng/ul	99
87) Chrysene	21.444	228	306661	18.535	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	305896	15.415	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	306465m	18.280	ng/ul	
91) Benzo(k)fluoranthene	23.085	252	323460	18.124	ng/ul	99
93) Benzo(a)pyrene	23.656	252	304279	18.625	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.215	276	381853	18.808	ng/ul	99
95) Dibenzo(a,h)anthracene	26.221	278	308426	18.323	ng/ul	98
96) Benzo(g,h,i)perylene	26.973	276	300981	18.669	ng/ul	99

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

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