Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042883.D
Acq On : 18 Nov 2023 16:08
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020151

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 22:12:24 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	31908	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	134986	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	94224	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	217647	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	255743	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	278637	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8505m	8.364	ng/uL	0.00
4) Pyridine-d5	3.604	84	55099	21.783	ng/ul	0.00
7) Phenol-d5	6.975	99	65275	21.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	50219	23.014	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	47777	19.939	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	49472	20.233	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	22267	18.815	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	25245	18.234	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	49991	19.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	61063	18.682	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	169762	19.037	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	183598	19.242	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	16028	15.908	ng/ul	0.00
60) Fluorene-d10	15.462	176	142098	19.243	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	26974	16.362	ng/ul	0.00
73) Anthracene-d10	17.327	188	232474	19.059	ng/ul	0.00
81) Pyrene-d10	19.621	212	306443	18.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	325449	19.527	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	9487	8.761	ng/uL	91
5) Pyridine	3.622	79	59747	21.722	ng/ul	99
6) Benzaldehyde	6.981	77	45754	25.680	ng/ul	97
8) Phenol	7.004	94	65682	21.263	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.257	93	54714	21.443	ng/ul	93
12) 2-Chlorophenol	7.363	128	48410	20.300	ng/ul#	86
13) 2-Methylphenol	8.263	108	46183	20.049	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	111047m	23.907	ng/ul	
16) Acetophenone	8.663	105	81955	19.933	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.628	70	53918	21.543	ng/ul	90
18) 4-Methylphenol	8.598	108	51082	20.397	ng/ul	94
19) Hexachloroethane	8.863	117	28035	21.093	ng/ul	87
22) Nitrobenzene	9.057	77	80835	22.599	ng/ul	93
23) Isophorone	9.563	82	143031	20.077	ng/ul	97
25) 2-Nitrophenol	9.757	139	26272	18.677	ng/ul	89
26) 2,4-Dimethylphenol	9.798	107	60008	19.939	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	73114	20.309	ng/ul	97
29) 2,4-Dichlorophenol	10.275	162	48880	20.055	ng/ul	95
30) Naphthalene	10.675	128	163159	19.293	ng/ul	99
32) 4-Chloroaniline	10.827	127	56869	18.136	ng/ul	95
33) Hexachlorobutadiene	10.892	225	41529	19.289	ng/ul	97
34) Caprolactam	11.645	113	14013m	19.391	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	50097	19.182	ng/ul	99
36) 2-Methylnaphthalene	12.286	142	109363	19.295	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.510	142	116664	19.577	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.639	216	73078	19.776	ng/ul	98
40)	Hexachlorocyclopentadiene	12.580	237	33954	19.408	ng/ul	97
41)	2,4,6-Trichlorophenol	12.904	196	42109	18.656	ng/ul	97
42)	2,4,5-Trichlorophenol	12.980	196	41666	19.117	ng/ul	99
43)	1,1'-Biphenyl	13.304	154	151682	19.303	ng/ul	98
44)	2-Chloronaphthalene	13.351	162	122363	19.357	ng/ul	96
45)	2-Nitroaniline	13.604	65	45247	21.947	ng/ul	86
47)	Dimethylphthalate	13.939	163	165612	19.067	ng/ul	99
48)	2,6-Dinitrotoluene	14.092	165	29830	18.280	ng/ul	88
50)	Acenaphthylene	14.198	152	204212	19.101	ng/ul	99
51)	3-Nitroaniline	14.439	138	23077	17.295	ng/ul#	95
52)	Acenaphthene	14.533	153	139997	19.362	ng/ul	99
53)	2,4-Dinitrophenol	14.651	184	16318	20.112	ng/ul	91
55)	4-Nitrophenol	14.739	109	29580	18.657	ng/ul	96
56)	Dibenzofuran	14.874	168	195147	19.445	ng/ul	99
57)	2,4-Dinitrotoluene	14.880	165	47025	19.629	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.092	232	42791	18.914	ng/ul#	97
59)	Diethylphthalate	15.292	149	173332	19.031	ng/ul	99
61)	Fluorene	15.521	166	167310	19.636	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.515	204	92161	20.070	ng/ul	97
63)	4-Nitroaniline	15.610	138	25565	21.015	ng/ul#	86
66)	4,6-Dinitro-2-methylph...	15.627	198	27643	16.470	ng/ul#	82
67)	N-Nitrosodiphenylamine	15.739	169	130731	19.151	ng/ul	100
68)	4-Bromophenyl-phenylether	16.409	248	55134	19.031	ng/ul	90
69)	Hexachlorobenzene	16.492	284	65265	18.428	ng/ul	97
70)	Atrazine	16.692	200	48707	18.524	ng/ul	100
71)	Pentachlorophenol	16.862	266	33852	16.599	ng/ul	97
72)	Phenanthrene	17.268	178	261685	19.246	ng/ul	99
74)	Anthracene	17.362	178	265815	19.436	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.257	216	73973	19.221	ng/uL	99
76)	Pentachlorobenzene	14.762	250	77026	19.075	ng/uL	96
77)	Carbazole	17.656	167	212040	18.776	ng/ul	100
78)	Di-n-butylphthalate	18.168	149	303671	18.389	ng/ul	98
80)	Fluoranthene	19.286	202	338639	17.734	ng/ul	97
82)	Pyrene	19.650	202	363551	17.956	ng/ul	99
83)	Butylbenzylphthalate	20.539	149	152927	17.684	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.344	252	106056	16.203	ng/ul	98
85)	Benzo(a)anthracene	21.397	228	387435	19.299	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.280	149	214649	16.360	ng/ul	97
87)	Chrysene	21.450	228	362504	18.619	ng/ul	100
89)	Di-n-octyl phthalate	22.191	149	375364	16.677	ng/ul	100
90)	Benzo(b)fluoranthene	23.044	252	386027	20.301	ng/ul	99
91)	Benzo(k)fluoranthene	23.091	252	390445	19.289	ng/ul	98
93)	Benzo(a)pyrene	23.662	252	360066	19.432	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.226	276	455094	19.763	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.238	278	371289	19.448	ng/ul	97
96)	Benzo(g,h,i)perylene	26.991	276	369530	20.208	ng/ul	99

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

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