Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042276.D
Acq On : 12 Oct 2023 13:00
Operator : MA/JU
Sample : SSTD04060
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 12 15:30:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:19:22 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	136945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	645943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.662	164	391643	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	821853	20.000	ng/ul	0.00
79) Chrysene-d12	21.597	240	808440	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	864174	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	72877	17.843	ng/uL	0.00
4) Pyridine-d5	3.804	84	560601	51.634	ng/ul	0.00
7) Phenol-d5	7.169	99	660819	51.049	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.357	67	444407	51.515	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	461299	46.939	ng/ul	0.01
15) 4-Methylphenol-d8	8.728	113	525819	52.471	ng/ul	0.01
21) Nitrobenzene-d5	9.216	128	247736	46.908	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	271332	46.457	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.457	165	479492	47.487	ng/ul	0.01
31) 4-Chloroaniline-d4	11.004	131	717940	47.893	ng/ul	0.01
46) Dimethylphthalate-d6	14.074	166	1453749	45.639	ng/ul	0.00
49) Acenaphthylene-d8	14.362	160	1632713	44.792	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	296716	62.118	ng/ul	0.00
60) Fluorene-d10	15.651	176	1199245	45.714	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	258341	46.589	ng/ul	0.01
73) Anthracene-d10	17.515	188	1876573	46.432	ng/ul	0.00
81) Pyrene-d10	19.803	212	2211873	45.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	2178492	47.047	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	80261	18.752	ng/uL	98
5) Pyridine	3.828	79	577717	49.590	ng/ul	98
6) Benzaldehyde	7.175	77	376299	62.914	ng/ul	99
8) Phenol	7.192	94	659424	48.869	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.451	93	550494	50.070	ng/ul	98
12) 2-Chlorophenol	7.575	128	477475	47.485	ng/ul	100
13) 2-Methylphenol	8.457	108	499957	49.523	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	942580m	55.770	ng/ul	
16) Acetophenone	8.869	105	827531	49.589	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.839	70	492684	53.867	ng/ul	100
18) 4-Methylphenol	8.792	108	553597	50.720	ng/ul	99
19) Hexachloroethane	9.086	117	202399	43.622	ng/ul	97
22) Nitrobenzene	9.263	77	680643	49.323	ng/ul	98
23) Isophorone	9.775	82	1347459	48.486	ng/ul	99
25) 2-Nitrophenol	9.963	139	289462	47.608	ng/ul	100
26) 2,4-Dimethylphenol	9.998	107	599598	46.347	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.257	93	795512	49.937	ng/ul	99
29) 2,4-Dichlorophenol	10.480	162	462453	47.137	ng/ul	98
30) Naphthalene	10.892	128	1608789	43.825	ng/ul	100
32) 4-Chloroaniline	11.027	127	700790	47.039	ng/ul	99
33) Hexachlorobutadiene	11.121	225	263918	39.909	ng/ul	98
34) Caprolactam	11.851	113	162694m	45.848	ng/ul	
35) 4-Chloro-3-methylphenol	12.121	107	573719	50.219	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	1105471	46.965	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1114024	46.542	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	545339	44.659	ng/ul	97
40) Hexachlorocyclopentadiene	12.792	237	335573	74.096	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	375897	47.536	ng/ul	97
42) 2,4,5-Trichlorophenol	13.163	196	401164	48.439	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	1428104	44.930	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	1096210	44.470	ng/ul	99
45) 2-Nitroaniline	13.780	65	434760	56.230	ng/ul	99
47) Dimethylphthalate	14.121	163	1432854	45.039	ng/ul	99
48) 2,6-Dinitrotoluene	14.268	165	285290	45.921	ng/ul	97
50) Acenaphthylene	14.392	152	1865699	46.403	ng/ul	99
51) 3-Nitroaniline	14.604	138	323824	55.124	ng/ul	97
52) Acenaphthene	14.727	153	1225901	44.836	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	178629	54.270	ng/ul	97
55) 4-Nitrophenol	14.892	109	239236	61.634	ng/ul	97
56) Dibenzofuran	15.062	168	1636367	43.996	ng/ul	98
57) 2,4-Dinitrotoluene	15.051	165	413725	46.464	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.274	232	340771	47.390	ng/ul	98
59) Diethylphthalate	15.474	149	1467979	44.757	ng/ul	98
61) Fluorene	15.709	166	1368165	44.314	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	684993	45.838	ng/ul	96
63) 4-Nitroaniline	15.774	138	302895	63.125	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.798	198	265055	48.475	ng/ul#	96
67) N-Nitrosodiphenylamine	15.921	169	1133476	45.159	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	401980	45.661	ng/ul	98
69) Hexachlorobenzene	16.680	284	450987	44.264	ng/ul	95
70) Atrazine	16.868	200	391409	43.274	ng/ul	96
71) Pentachlorophenol	17.039	266	293939	53.074	ng/ul	98
72) Phenanthrene	17.456	178	2169757	45.646	ng/ul	99
74) Anthracene	17.551	178	2218519	46.039	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	546298	43.347	ng/uL	99
76) Pentachlorobenzene	14.951	250	533292	43.367	ng/uL	98
77) Carbazole	17.833	167	2024645	46.429	ng/ul	99
78) Di-n-butylphthalate	18.350	149	2580766	44.806	ng/ul	100
80) Fluoranthene	19.468	202	2601931	45.824	ng/ul	95
82) Pyrene	19.833	202	2705248	44.913	ng/ul	97
83) Butylbenzylphthalate	20.709	149	1195238	43.563	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.521	252	867893	44.004	ng/ul	99
85) Benzo(a)anthracene	21.580	228	2709127	46.812	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	1775905	42.942	ng/ul#	98
87) Chrysene	21.638	228	2455555	44.376	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	3142283	43.738	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	2646733	46.400	ng/ul	98
91) Benzo(k)fluoranthene	23.356	252	2600755	45.601	ng/ul	98
93) Benzo(a)pyrene	23.968	252	2502478	48.620	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.685	276	3008266	45.619	ng/ul	98
95) Dibenzo(a,h)anthracene	26.697	278	2516970	46.121	ng/ul	97
96) Benzo(g,h,i)perylene	27.497	276	2338550	44.206	ng/ul	98

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

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Sample : SSTD04060
Misc :
ALS Vial : 5 Sample Multiplier: 1

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