Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
Data File : BM038697.D
Acq On : 06 Feb 2023 17:54
Operator : CG/JU
Sample : SSTD04030
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 07 00:53:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 00:48:02 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040036

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	79408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	325948	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	264026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	567684	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	472674	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	491575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	22345	10.033	ng/uL	0.00
4) Pyridine-d5	3.710	84	151001	27.077	ng/ul	0.00
7) Phenol-d5	7.087	99	204960	38.668	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	113875	36.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	197534	44.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.639	113	186429	44.081	ng/ul	0.00
21) Nitrobenzene-d5	9.086	128	101256	40.983	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	138256	42.373	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	278359	38.548	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	300986	42.890	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	855674	39.233	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	969107	41.755	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	140210	46.471	ng/ul	0.00
60) Fluorene-d10	15.539	176	726173	37.231	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	140053	28.821	ng/ul	0.00
73) Anthracene-d10	17.392	188	1089323	38.122	ng/ul	0.00
81) Pyrene-d10	19.686	212	1124163	46.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	1054510	41.793	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	22717	9.467	ng/uL	99
5) Pyridine	3.728	79	156117	27.259	ng/ul	98
6) Benzaldehyde	7.051	77	95942	39.256	ng/ul	95
8) Phenol	7.116	94	203802	38.403	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.340	93	165298	43.594	ng/ul	99
12) 2-Chlorophenol	7.475	128	191438	43.401	ng/ul	97
13) 2-Methylphenol	8.369	108	171461	42.524	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.445	45	146783	37.469	ng/ul	97
16) Acetophenone	8.745	105	297611	39.832	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.734	70	136976	39.891	ng/ul	97
18) 4-Methylphenol	8.704	108	189599	44.300	ng/ul	97
19) Hexachloroethane	8.986	117	83516	37.538	ng/ul	98
22) Nitrobenzene	9.128	77	210919	28.364	ng/ul	98
23) Isophorone	9.657	82	412832	36.688	ng/ul	99
25) 2-Nitrophenol	9.839	139	136897	42.329	ng/ul	97
26) 2,4-Dimethylphenol	9.904	107	225932	32.162	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.133	93	246583	42.977	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	268289	39.091	ng/ul	100
30) Naphthalene	10.769	128	664361	41.080	ng/ul	99
32) 4-Chloroaniline	10.892	127	296288	42.076	ng/ul	99
33) Hexachlorobutadiene	11.039	225	136668	19.161	ng/ul	98
34) Caprolactam	11.698	113	60451m	44.769	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	207379	38.252	ng/ul	99
36) 2-Methylnaphthalene	12.374	142	524914	43.639	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	539591	43.456	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	253078	19.472	ng/ul	97
40) Hexachlorocyclopentadiene	12.710	237	138924	14.979	ng/ul	92
41) 2,4,6-Trichlorophenol	12.992	196	206813	26.136	ng/ul	95
42) 2,4,5-Trichlorophenol	13.069	196	224649	26.584	ng/ul	97
43) 1,1'-Biphenyl	13.386	154	805766	39.690	ng/ul	99
44) 2-Chloronaphthalene	13.427	162	650696	38.582	ng/ul	99
45) 2-Nitroaniline	13.651	65	128592	28.506	ng/ul	94
47) Dimethylphthalate	14.016	163	849505	39.584	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	173233	43.585	ng/ul	99
50) Acenaphthylene	14.274	152	1002939	43.213	ng/ul	98
51) 3-Nitroaniline	14.474	138	143268	50.077	ng/ul	95
52) Acenaphthene	14.616	153	711225	41.170	ng/ul	99
53) 2,4-Dinitrophenol	14.680	184	104557	32.723	ng/ul	97
55) 4-Nitrophenol	14.798	109	121034	23.911	ng/ul	97
56) Dibenzofuran	14.951	168	1005689	39.141	ng/ul	100
57) 2,4-Dinitrotoluene	14.927	165	253743	43.313	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.180	232	169574	22.919	ng/ul	98
59) Diethylphthalate	15.368	149	855999	42.547	ng/ul	99
61) Fluorene	15.598	166	832039	38.451	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	356514	23.415	ng/ul	98
63) 4-Nitroaniline	15.639	138	119728	50.760	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.692	198	135218	29.485	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	694199	43.374	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	216802	27.104	ng/ul	98
69) Hexachlorobenzene	16.592	284	277076	29.674	ng/ul	97
70) Atrazine	16.762	200	243426	30.312	ng/ul	99
71) Pentachlorophenol	16.945	266	162612	27.225	ng/ul	98
72) Phenanthrene	17.339	178	1296510	43.702	ng/ul	99
74) Anthracene	17.427	178	1334925	42.970	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	253164	23.202	ng/uL	98
76) Pentachlorobenzene	14.863	250	281281	24.774	ng/uL	99
77) Carbazole	17.704	167	1218097	45.172	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1610647	61.736	ng/ul	100
80) Fluoranthene	19.351	202	1412009	50.017	ng/ul	99
82) Pyrene	19.715	202	1470883	49.096	ng/ul	98
83) Butylbenzylphthalate	20.603	149	760124	87.962	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	457536	39.402	ng/ul	100
85) Benzo(a)anthracene	21.456	228	1355201	40.474	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	1138858	92.619	ng/ul	100
87) Chrysene	21.509	228	1258681	40.613	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	1931358	92.770	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1353777	44.545	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1321122	43.611	ng/ul	98
93) Benzo(a)pyrene	23.750	252	1118155	39.729	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.338	276	1372806	30.858	ng/ul	99
95) Dibenzo(a,h)anthracene	26.344	278	1169479	30.974	ng/ul	96
96) Benzo(g,h,i)perylene	27.097	276	1052109	29.137	ng/ul	99

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

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