Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
Data File : BM038364.D
Acq On : 04 Jan 2023 11:11
Operator : CG/JU
Sample : SSTD01016
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 05 01:33:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:28:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	53887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	199266	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	125013	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	286783	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	314077	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	394262	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	7113	4.940	ng/uL	0.00
4) Pyridine-d5	3.805	84	48077	12.394	ng/ul	0.00
7) Phenol-d5	7.163	99	46053	10.391	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	34154	11.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	35043	10.527	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	37277	10.760	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	16482	10.908	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	17344	9.917	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	33095	9.559	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	43287	9.623	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	93138	9.938	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	107866	9.899	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	14126	8.535	ng/ul	0.00
60) Fluorene-d10	15.621	176	84446	10.187	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	17715	8.632	ng/ul	0.00
73) Anthracene-d10	17.474	188	136957	10.215	ng/ul	0.00
81) Pyrene-d10	19.756	212	170680	10.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	188412	9.653	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	7345	4.918	ng/uL	97
5) Pyridine	3.822	79	52686	12.950	ng/ul	95
6) Benzaldehyde	7.140	77	20604	12.014	ng/ul	95
8) Phenol	7.187	94	49129	10.670	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	39109	10.392	ng/ul	99
12) 2-Chlorophenol	7.563	128	37042	10.902	ng/ul	98
13) 2-Methylphenol	8.451	108	36553	10.890	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	70930	13.779	ng/ul	96
16) Acetophenone	8.834	105	64380	10.781	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.810	70	37286	12.076	ng/ul	98
18) 4-Methylphenol	8.781	108	39930	10.903	ng/ul	94
19) Hexachloroethane	9.081	117	17392	10.655	ng/ul	95
22) Nitrobenzene	9.216	77	53932	12.227	ng/ul	99
23) Isophorone	9.739	82	87606	11.160	ng/ul	100
25) 2-Nitrophenol	9.928	139	18113	9.927	ng/ul	96
26) 2,4-Dimethylphenol	9.986	107	43141	10.871	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.222	93	51057	10.806	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	32701	9.986	ng/ul	99
30) Naphthalene	10.863	128	107018	10.399	ng/ul	99
32) 4-Chloroaniline	10.981	127	43504	9.426	ng/ul	97
33) Hexachlorobutadiene	11.139	225	23665	8.791	ng/ul	97
34) Caprolactam	11.763	113	8400m	9.084	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	34405	10.333	ng/ul	97
36) 2-Methylnaphthalene	12.469	142	67659	9.804	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	69935	9.911	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	42864	9.340	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	25288	7.822	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	27223	9.602	ng/ul	96
42) 2,4,5-Trichlorophenol	13.145	196	29055	9.763	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	93168	9.995	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	77206	10.173	ng/ul	99
45) 2-Nitroaniline	13.727	65	24493	11.124	ng/ul	96
47) Dimethylphthalate	14.086	163	94876	10.068	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	17164	9.444	ng/ul#	90
50) Acenaphthylene	14.357	152	115408	10.260	ng/ul	99
51) 3-Nitroaniline	14.545	138	13915	8.571	ng/ul	84
52) Acenaphthene	14.698	153	81931	10.296	ng/ul	96
53) 2,4-Dinitrophenol	14.757	184	10120	7.460	ng/ul	94
55) 4-Nitrophenol	14.851	109	15466m	9.625	ng/ul	
56) Dibenzofuran	15.027	168	116439	10.319	ng/ul	95
57) 2,4-Dinitrotoluene	14.998	165	25506	9.750	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	24867	9.123	ng/ul	96
59) Diethylphthalate	15.445	149	98564	10.286	ng/ul	99
61) Fluorene	15.674	166	97009	10.173	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	51551	9.936	ng/ul	98
63) 4-Nitroaniline	15.704	138	13829m	9.304	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	16981	8.610	ng/ul	93
67) N-Nitrosodiphenylamine	15.880	169	80601	10.280	ng/ul	96
68) 4-Bromophenyl-phenylether	16.563	248	29077	9.089	ng/ul	94
69) Hexachlorobenzene	16.674	284	34350	9.097	ng/ul	100
70) Atrazine	16.827	200	29822	8.888	ng/ul	97
71) Pentachlorophenol	17.021	266	19177	8.226	ng/ul	95
72) Phenanthrene	17.415	178	154561	10.184	ng/ul	99
74) Anthracene	17.504	178	158058	10.213	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	42967	9.436	ng/uL	95
76) Pentachlorobenzene	14.945	250	40570	9.245	ng/uL	94
77) Carbazole	17.780	167	134654	9.649	ng/ul	98
78) Di-n-butylphthalate	18.327	149	170669	10.202	ng/ul	100
80) Fluoranthene	19.421	202	191785	9.914	ng/ul	98
82) Pyrene	19.786	202	206704	9.952	ng/ul	99
83) Butylbenzylphthalate	20.668	149	79947	10.085	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.462	252	61791	9.288	ng/ul	99
85) Benzo(a)anthracene	21.527	228	222534	10.371	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	120489	9.861	ng/ul	100
87) Chrysene	21.580	228	214688	10.385	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	231084	8.943	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	235821	9.550	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	239568	9.729	ng/ul	98
93) Benzo(a)pyrene	23.862	252	221345	10.112	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.509	276	279756	10.022	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	234803	10.169	ng/ul	98
96) Benzo(g,h,i)perylene	27.291	276	235015	10.337	ng/ul	96

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

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