Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
Data File : BM038366.D
Acq On : 04 Jan 2023 12:26
Operator : CG/JU
Sample : SSTD04018
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 05 01:34:04 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 :
SSTD040022

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	64238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	255543	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.633	164	173232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	401461	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	437401	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	473721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	31430	18.309	ng/uL	0.00
4) Pyridine-d5	3.799	84	241736	52.278	ng/ul	0.00
7) Phenol-d5	7.163	99	239557	45.341	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	172796	48.961	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	176037	44.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	183957	44.544	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	83878	43.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	97943	43.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	189107	42.591	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	244208	42.332	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	549759	42.331	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	644124	42.658	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	97006	42.297	ng/ul	0.00
60) Fluorene-d10	15.627	176	499340	43.472	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	118087	41.104	ng/ul	0.00
73) Anthracene-d10	17.474	188	820396	43.711	ng/ul	0.00
81) Pyrene-d10	19.762	212	1015269	43.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1003611	42.794	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	34066	19.134	ng/uL	91
5) Pyridine	3.816	79	257066	53.005	ng/ul	97
6) Benzaldehyde	7.140	77	116793	57.129	ng/ul	97
8) Phenol	7.192	94	251835	45.882	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	203126	45.275	ng/ul	99
12) 2-Chlorophenol	7.563	128	181103	44.714	ng/ul	96
13) 2-Methylphenol	8.451	108	175395	43.835	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.528	45	314820	51.302	ng/ul	96
16) Acetophenone	8.839	105	321456	45.158	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	187129	50.842	ng/ul	99
18) 4-Methylphenol	8.787	108	194107	44.459	ng/ul	98
19) Hexachloroethane	9.081	117	86086	44.243	ng/ul	98
22) Nitrobenzene	9.222	77	276703	48.915	ng/ul	97
23) Isophorone	9.745	82	485571	48.233	ng/ul	99
25) 2-Nitrophenol	9.933	139	102293	43.717	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	235877	46.347	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	273747	45.178	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	182171	43.378	ng/ul	98
30) Naphthalene	10.869	128	565748	42.868	ng/ul	99
32) 4-Chloroaniline	10.980	127	250243	42.278	ng/ul	98
33) Hexachlorobutadiene	11.139	225	132499	38.380	ng/ul	97
34) Caprolactam	11.775	113	51956m	43.815	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	202810	47.495	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	378413	42.757	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	391854	43.302	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.833	216	250434	39.381	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	163391	36.470	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	160811	40.933	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	170713	41.396	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	538537	41.692	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	440134	41.852	ng/ul	99
45) 2-Nitroaniline	13.727	65	157810	51.721	ng/ul	97
47) Dimethylphthalate	14.092	163	548039	41.969	ng/ul	100
48) 2,6-Dinitrotoluene	14.221	165	111764	44.376	ng/ul	89
50) Acenaphthylene	14.363	152	672467	43.142	ng/ul	99
51) 3-Nitroaniline	14.551	138	99329	44.152	ng/ul	98
52) Acenaphthene	14.698	153	475158	43.093	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	77795	41.383	ng/ul	96
55) 4-Nitrophenol	14.857	109	101387	45.531	ng/ul	99
56) Dibenzofuran	15.033	168	669911	42.842	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	161918	44.669	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.257	232	155769	41.239	ng/ul	98
59) Diethylphthalate	15.445	149	581608	43.801	ng/ul	99
61) Fluorene	15.680	166	592341	44.827	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	313632	43.623	ng/ul	99
63) 4-Nitroaniline	15.710	138	97955m	47.561	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.768	198	112954	40.910	ng/ul	93
67) N-Nitrosodiphenylamine	15.886	169	478051	43.554	ng/ul	98
68) 4-Bromophenyl-phenylether	16.562	248	179542	40.091	ng/ul	97
69) Hexachlorobenzene	16.680	284	202690	38.345	ng/ul	96
70) Atrazine	16.833	200	189425	40.327	ng/ul	98
71) Pentachlorophenol	17.027	266	128562	39.392	ng/ul	98
72) Phenanthrene	17.421	178	917845	43.200	ng/ul	100
74) Anthracene	17.509	178	952664	43.971	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	245887	38.576	ng/uL	98
76) Pentachlorobenzene	14.951	250	238394	38.806	ng/uL	99
77) Carbazole	17.780	167	816042	41.771	ng/ul	100
78) Di-n-butylphthalate	18.333	149	1058333	45.192	ng/ul	99
80) Fluoranthene	19.427	202	1151923	42.758	ng/ul	99
82) Pyrene	19.792	202	1256363	43.434	ng/ul	97
83) Butylbenzylphthalate	20.674	149	492541	44.613	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	385911	41.653	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1295713	43.359	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	751890	44.186	ng/ul	98
87) Chrysene	21.586	228	1251432	43.467	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1359780	43.795	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1269178	42.777	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	1288079	43.534	ng/ul	99
93) Benzo(a)pyrene	23.874	252	1149004	43.689	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.521	276	1451718	43.283	ng/ul	99
95) Dibenzo(a,h)anthracene	26.538	278	1217739	43.892	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	1163245	42.582	ng/ul	100

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

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