Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022480.D
Acq On : 11 Apr 2022 14:00
Operator : SY/VA
Sample : N2293-24MSD
Misc : 6.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

Quant Time: Apr 11 23:57:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	461842	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	437690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	234751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	160026	15.674	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.680%			
7) Chloroethane-d5	2.891	69	111211	17.380	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.520%			
11) 1,1-Dichloroethene-d2	4.025	63	247898	18.720	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.880%			
21) 2-Butanone-d5	7.080	46	89218	50.052	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.100%			
24) Chloroform-d	7.653	84	331914	22.993	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.960%			
26) 1,2-Dichloroethane-d4	8.305	65	181302	21.981	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.920%			
32) Benzene-d6	8.275	84	574306	21.477	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.920%			
36) 1,2-Dichloropropane-d6	9.274	67	179754	23.228	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.920%			
41) Toluene-d8	10.323	98	548157	20.930	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.720%			
43) trans-1,3-Dichloroprop...	10.579	79	81930	22.433	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.720%			
47) 2-Hexanone-d5	10.927	63	78419	54.466	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.940%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168075	25.543	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	209094	25.147	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	37116	16.394	ug/L	98
3) Chloromethane	2.221	50	75291	13.339	ug/L	98
5) Vinyl chloride	2.367	62	207024	17.577	ug/L	98
6) Bromomethane	2.782	94	111263	15.540	ug/L	98
8) Chloroethane	2.928	64	90651	17.580	ug/L	98
9) Trichlorofluoromethane	3.263	101	95076	21.865	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	139854	20.198	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	134748	21.669	ug/L	94
13) Acetone	4.123	43	83370	68.694	ug/L	95
14) Carbon disulfide	4.391	76	392735	19.198	ug/L	99
15) Methyl Acetate	4.672	43	55155	18.110	ug/L	94
16) Methylene chloride	4.922	84	141179	20.315	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	149776	20.561	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	251900	21.173	ug/L	98
19) 1,1-Dichloroethane	6.220	63	264964	19.934	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	164407	21.369	ug/L #	87
22) 2-Butanone	7.171	43	89438	48.793	ug/L	95
23) Bromochloromethane	7.513	128	73146	22.091	ug/L	86
25) Chloroform	7.677	83	294831	21.060	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	192195	19.533	ug/L	99
29) Cyclohexane	7.958	56	236743	18.899	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	256187	21.100	ug/L	98
31) Carbon tetrachloride	8.073	117	232912	21.374	ug/L	98
33) Benzene	8.323	78	1467918	49.398	ug/L	100
34) Trichloroethene	9.092	95	166895	20.975	ug/L	95
35) Methylcyclohexane	9.335	83	283553	19.863	ug/L	97
37) 1,2-Dichloropropane	9.372	63	147053	20.656	ug/L	100
38) Bromodichloromethane	9.646	83	216151	21.114	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	240912	21.326	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	180302	41.501	ug/L	95
42) Toluene	10.384	91	1086922	31.920	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	213837	21.141	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	120360	22.153	ug/L	97
46) Tetrachloroethene	10.860	164	122901	21.013	ug/L	93
48) 2-Hexanone	10.969	43	146841	47.909	ug/L	94
49) Dibromochloromethane	11.128	129	148936	22.985	ug/L	94
50) 1,2-Dibromoethane	11.231	107	115257	21.483	ug/L	97
51) Chlorobenzene	11.658	112	6481251	311.470	ug/L	95
52) Ethylbenzene	11.731	91	807819	21.165	ug/L	95
53) m,p-Xylene	11.835	106	324321	22.348	ug/L	91
54) o-Xylene	12.164	106	311475	22.460	ug/L	91
55) Styrene	12.176	104	504664	21.299	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	140107	21.010	ug/L	100
59) Bromoform	12.347	173	78916	22.623	ug/L	97
60) Isopropylbenzene	12.463	105	820985	21.053	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	104825	20.992	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	457799	21.347	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	694592	21.299	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	347075	21.930	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	351872	22.293	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	316545	22.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	27341	23.607	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	228403	22.119	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	191618	22.096	ug/L	97
71) Naphthalene	15.359	128	393337	21.504	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	159137	21.468	ug/L	94

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

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