Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
Data File : VW022341.D
Acq On : 15 Mar 2022 16:47
Operator : SY/VA
Sample : N1883-10MS
Misc : 5.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

Quant Time: Mar 16 05:35:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Mar 16 05:30:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	175872	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	162348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	88921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45103	19.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.640%			
7) Chloroethane-d5	2.885	69	39512	21.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.560%			
11) 1,1-Dichloroethene-d2	4.019	63	68812	19.589	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.360%			
21) 2-Butanone-d5	7.080	46	21699	56.260	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.520%			
24) Chloroform-d	7.647	84	96042	24.476	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.920%			
26) 1,2-Dichloroethane-d4	8.305	65	48550	23.802	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.200%			
32) Benzene-d6	8.275	84	175646	23.247	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	9.275	67	51277	24.438	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.760%			
41) Toluene-d8	10.323	98	168591	22.444	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.760%			
43) trans-1,3-Dichloroprop...	10.579	79	22050	23.701	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.800%			
47) 2-Hexanone-d5	10.921	63	18270	52.940	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.880%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	48937	26.575	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	69404	24.301	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	6020	12.248	ug/L	99
3) Chloromethane	2.215	50	26894	15.968	ug/L	95
5) Vinyl chloride	2.361	62	41001	16.202	ug/L	97
6) Bromomethane	2.776	94	26693	15.103	ug/L	99
8) Chloroethane	2.922	64	26925	18.940	ug/L	98
9) Trichlorofluoromethane	3.257	101	31687	18.443	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39462	18.825	ug/L	96
12) 1,1-Dichloroethene	4.044	96	32769	18.037	ug/L	89
13) Acetone	4.123	43	13800	43.808	ug/L	100
14) Carbon disulfide	4.385	76	60126	12.765	ug/L	97
15) Methyl Acetate	4.666	43	13683	19.294	ug/L	95
16) Methylene chloride	4.916	84	39212	18.164	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	36241	18.162	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	58446	21.528	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	69122	21.397	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	44331	20.508	ug/L	93
22) 2-Butanone	7.171	43	20012	44.224	ug/L	96
23) Bromochloromethane	7.513	128	21116	19.997	ug/L	85
25) Chloroform	7.677	83	82287	21.831	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48261	20.787	ug/L		99
29) Cyclohexane	7.958	56	46374	17.164	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	67681	20.721	ug/L		98
31) Carbon tetrachloride	8.074	117	64767	20.864	ug/L		99
33) Benzene	8.323	78	159445	20.314	ug/L		100
34) Trichloroethene	9.092	95	44520	19.810	ug/L		93
35) Methylcyclohexane	9.336	83	60566	17.423	ug/L		98
37) 1,2-Dichloropropane	9.366	63	39782	21.725	ug/L		98
38) Bromodichloromethane	9.646	83	60533	23.052	ug/L		94
39) cis-1,3-Dichloropropene	10.073	75	63508	22.816	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	43335	43.822	ug/L		99
42) Toluene	10.384	91	187184	21.071	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	55771	22.297	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	34655	21.342	ug/L		95
46) Tetrachloroethene	10.860	164	37429	19.012	ug/L		97
48) 2-Hexanone	10.969	43	30877	44.988	ug/L		97
49) Dibromochloromethane	11.128	129	45413	23.025	ug/L		100
50) 1,2-Dibromoethane	11.232	107	32330	20.642	ug/L		98
51) Chlorobenzene	11.658	112	130738	21.146	ug/L		99
52) Ethylbenzene	11.731	91	210945	21.455	ug/L		100
53) m,p-Xylene	11.835	106	85164	21.051	ug/L		98
54) o-Xylene	12.164	106	84048	22.080	ug/L		96
55) Styrene	12.183	104	144638	22.665	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	42580	22.601	ug/L		95
59) Bromoform	12.347	173	26101	22.197	ug/L	#	99
60) Isopropylbenzene	12.463	105	235331	22.047	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	28772	20.501	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	158489	22.329	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	193932	22.356	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	107885	20.374	ug/L		91
65) 1,4-Dichlorobenzene	13.573	146	114881	21.650	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	99286	21.089	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5667	19.101	ug/L	#	69
69) 1,3,5-Trichlorobenzene	14.621	180	76288	20.072	ug/L		93
70) 1,2,4-trichlorobenzene	15.127	180	57340	19.940	ug/L		99
71) Naphthalene	15.365	128	106242	20.928	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	50911	20.468	ug/L		97

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

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