Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
Data File : VW027360.D
Acq On : 19 Oct 2023 20:00
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Quant Time: Oct 20 02:54:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 20 02:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	144126	23.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.080%			
7) Chloroethane-d5	2.899	69	116764	25.973	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.880%			
11) 1,1-Dichloroethene-d2	4.021	65	73906	23.557	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.240%			
21) 2-Butanone-d5	7.088	46	100489	48.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.580%			
24) Chloroform-d	7.648	84	325069	26.585	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.320%			
26) 1,2-Dichloroethane-d4	8.307	65	176583	26.884	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.520%			
32) Benzene-d6	8.276	84	663676	25.878	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.520%			
36) 1,2-Dichloropropane-d6	9.276	67	207606	26.502	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.000%			
41) Toluene-d8	10.325	98	573519	24.660	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.640%			
43) trans-1,3-Dichloroprop...	10.575	79	83970	23.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.040%			
47) 2-Hexanone-d5	10.922	63	70890	43.740	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	157397	26.931	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.720%			
66) 1,2-Dichlorobenzene-d4	13.849	152	167565	24.851	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	104529	21.414	ug/L	96
3) Chloromethane	2.223	50	144926	25.835	ug/L	99
5) Vinyl chloride	2.375	62	155309	24.785	ug/L	96
6) Bromomethane	2.790	94	86071	24.116	ug/L	94
8) Chloroethane	2.930	64	92058	25.523	ug/L	98
9) Trichlorofluoromethane	3.265	101	121024	27.376	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	135985	24.565	ug/L	92
12) 1,1-Dichloroethene	4.039	96	131865	24.512	ug/L	98
13) Acetone	4.143	43	86216	47.967	ug/L	100
14) Carbon disulfide	4.387	76	385326	23.105	ug/L	100
15) Methyl Acetate	4.679	43	106443	34.673	ug/L	99
16) Methylene chloride	4.917	84	182135	24.254	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	144940	25.069	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	278468	27.917	ug/L	100
19) 1,1-Dichloroethane	6.216	63	317501	26.916	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	172664	26.445	ug/L	96
22) 2-Butanone	7.179	43	111274	41.360	ug/L	99
23) Bromochloromethane	7.514	128	69151	25.653	ug/L	84
25) Chloroform	7.679	83	298851	27.069	ug/L	99

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QLast Update : Fri Oct 20 02:46:04 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	205136	27.353	ug/L	98
29) Cyclohexane	7.959	56	273319	23.747	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	235569	25.476	ug/L	99
31) Carbon tetrachloride	8.069	117	203295	24.383	ug/L	97
33) Benzene	8.325	78	661206	26.690	ug/L	100
34) Trichloroethene	9.093	95	169631	25.922	ug/L	95
35) Methylcyclohexane	9.337	83	277420	23.706	ug/L	99
37) 1,2-Dichloropropane	9.368	63	181925	27.159	ug/L	99
38) Bromodichloromethane	9.648	83	215497	26.163	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	274759	24.831	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	240153	52.132	ug/L	99
42) Toluene	10.386	91	688953	26.510	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	232609	24.914	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	125763	27.284	ug/L	98
46) Tetrachloroethene	10.861	164	108634	24.042	ug/L	98
48) 2-Hexanone	10.965	43	147836	43.360	ug/L	100
49) Dibromochloromethane	11.123	129	129821	25.360	ug/L	95
50) 1,2-Dibromoethane	11.233	107	118528	26.522	ug/L	94
51) Chlorobenzene	11.654	112	427054	26.242	ug/L	98
52) Ethylbenzene	11.727	91	786701	26.050	ug/L	96
53) m,p-Xylene	11.837	106	289803	25.301	ug/L	99
54) o-Xylene	12.166	106	283474	25.844	ug/L	99
55) Styrene	12.178	104	484616	25.869	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	152115	27.033	ug/L	98
59) Bromoform	12.343	173	70638	25.513	ug/L	95
60) Isopropylbenzene	12.459	105	771372	26.390	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	113979	28.055	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	639840	26.243	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	621254	26.042	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	306718	25.876	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	303182	25.613	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	273281	25.982	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24456	24.086	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	192285	24.989	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	158327	24.175	ug/L	98
71) Naphthalene	15.360	128	335800	24.933	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	136968	25.433	ug/L	94

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

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