Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027686.D
Acq On : 16 Dec 2023 13:01
Operator : SY/MD
Sample : 05788-19MS
Misc : 4.89g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

Quant Time: Dec 17 00:17:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 00:15:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	644598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	596445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	162647	17.817	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.280%			
7) Chloroethane-d5	2.899	69	123424	17.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.440%			
11) 1,1-Dichloroethene-d2	4.021	65	68268	18.672	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.680%			
21) 2-Butanone-d5	7.087	46	61691	39.685	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.360%			
24) Chloroform-d	7.648	84	319475	20.828	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.320%			
26) 1,2-Dichloroethane-d4	8.306	65	148678	20.644	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.560%			
32) Benzene-d6	8.270	84	679702	19.499	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 78.000%			
36) 1,2-Dichloropropane-d6	9.276	67	196140	19.861	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.440%			
41) Toluene-d8	10.324	98	642477	19.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.480%			
43) trans-1,3-Dichloroprop...	10.574	79	78169	20.444	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.760%			
47) 2-Hexanone-d5	10.922	63	59129	41.086	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.180%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148044	19.823	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	217337	20.042	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	127210	16.956	ug/L	94
3) Chloromethane	2.222	50	153840	17.409	ug/L	98
5) Vinyl chloride	2.368	62	183911	17.493	ug/L	96
6) Bromomethane	2.789	94	120001	17.933	ug/L	95
8) Chloroethane	2.935	64	104149	16.569	ug/L	100
9) Trichlorofluoromethane	3.265	101	168712	17.768	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	153515	19.033	ug/L	96
12) 1,1-Dichloroethene	4.039	96	149180	18.893	ug/L	92
13) Acetone	4.149	43	46148	32.702	ug/L	95
14) Carbon disulfide	4.380	76	475597	17.930	ug/L	99
15) Methyl Acetate	4.679	43	43827	17.191	ug/L	98
16) Methylene chloride	4.917	84	161235	15.953	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	157855	18.906	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	212648	19.264	ug/L	100
19) 1,1-Dichloroethane	6.221	63	265351	18.689	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	170368	19.384	ug/L	96
22) 2-Butanone	7.179	43	63653	33.968	ug/L	99
23) Bromochloromethane	7.514	128	73214	19.727	ug/L	96
25) Chloroform	7.672	83	271541	19.420	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	157744	19.242	ug/L	96
29) Cyclohexane	7.959	56	246912	17.496	ug/L	99
30) 1,1,1-Trichloroethane	7.867	97	219784	17.641	ug/L	98
31) Carbon tetrachloride	8.063	117	197524	18.015	ug/L	100
33) Benzene	8.319	78	627171	18.139	ug/L	100
34) Trichloroethene	9.093	95	165759	17.588	ug/L	98
35) Methylcyclohexane	9.337	83	306426	18.026	ug/L	99
37) 1,2-Dichloropropane	9.367	63	154695	18.535	ug/L	100
38) Bromodichloromethane	9.642	83	190058	18.735	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	246943	19.412	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	130300	35.719	ug/L	99
42) Toluene	10.385	91	693940	18.653	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	186934	18.660	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	113659	18.394	ug/L	99
46) Tetrachloroethene	10.861	164	135421	17.994	ug/L	83
48) 2-Hexanone	10.964	43	96295	35.465	ug/L	99
49) Dibromochloromethane	11.123	129	120423	18.633	ug/L	96
50) 1,2-Dibromoethane	11.233	107	104518	17.798	ug/L	91
51) Chlorobenzene	11.653	112	437613	18.412	ug/L	93
52) Ethylbenzene	11.727	91	776301	18.518	ug/L	98
53) m,p-Xylene	11.836	106	294326	18.279	ug/L	92
54) o-Xylene	12.159	106	289465	19.305	ug/L	99
55) Styrene	12.178	104	499046	19.744	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	126847	18.008	ug/L	96
59) Bromoform	12.348	173	65645	17.703	ug/L	94
60) Isopropylbenzene	12.458	105	790547	18.490	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	88092	17.447	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	622769	18.221	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	629313	18.705	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	351440	19.022	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	334357	18.017	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	299361	18.633	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	17417	17.268	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	230362	17.919	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	190877	18.080	ug/L	94
71) Naphthalene	15.360	128	333093	17.805	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	160961	18.235	ug/L	99

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

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