

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040924\
 Data File : VW028371.D
 Acq On : 09 Apr 2024 18:15
 Operator : SY/MD
 Sample : P2037-03MS
 Misc : 4.13g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MS

Quant Time: Apr 10 01:20:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	475928	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	437267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	203324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157514	20.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
7) Chloroethane-d5	2.899	69	126591	21.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	4.027	65	66849	20.689	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.760%
21) 2-Butanone-d5	7.075	46	67615	47.358	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.720%
24) Chloroform-d	7.648	84	280625	22.596	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	8.307	65	148902	23.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.280%
32) Benzene-d6	8.270	84	541101	22.652	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	9.270	67	163450	23.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.325	98	491668	22.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.575	79	63785	22.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.360%
47) 2-Hexanone-d5	10.922	63	48002	48.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119948	23.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	147556	22.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	111107	17.357	ug/L	92
3) Chloromethane	2.223	50	152050	20.232	ug/L	99
5) Vinyl chloride	2.375	62	172334	19.255	ug/L	99
6) Bromomethane	2.790	94	106810	19.101	ug/L	99
8) Chloroethane	2.936	64	104452	19.360	ug/L	99
9) Trichlorofluoromethane	3.271	101	138318	19.372	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	116317	17.316	ug/L	95
12) 1,1-Dichloroethene	4.045	96	120375	19.086	ug/L	96
13) Acetone	4.119	43	78430	44.738	ug/L	95
14) Carbon disulfide	4.393	76	377459	18.178	ug/L	99
15) Methyl Acetate	4.667	43	51241	18.166	ug/L	100
16) Methylene chloride	4.923	84	137827	19.138	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	126131	18.985	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	192749	20.624	ug/L	99
19) 1,1-Dichloroethane	6.216	63	256814	19.840	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	138719	19.673	ug/L	97
22) 2-Butanone	7.167	43	93715	44.049	ug/L	98
23) Bromochloromethane	7.520	128	57761	19.018	ug/L	99
25) Chloroform	7.679	83	256879	20.202	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173790	19.802	ug/L	99
29) Cyclohexane	7.959	56	229521	19.872	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	208446	19.656	ug/L	100
31) Carbon tetrachloride	8.069	117	183363	19.498	ug/L	98
33) Benzene	8.325	78	544347	19.911	ug/L	100
34) Trichloroethene	9.093	95	140805	19.005	ug/L	98
35) Methylcyclohexane	9.331	83	231039	18.274	ug/L	99
37) 1,2-Dichloropropane	9.368	63	141574	19.868	ug/L	100
38) Bromodichloromethane	9.642	83	178117	20.167	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	215076	20.583	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	163392	45.806	ug/L	99
42) Toluene	10.386	91	581624	20.081	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	173224	20.492	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	95270	19.762	ug/L	93
46) Tetrachloroethene	10.861	164	106383	19.223	ug/L	88
48) 2-Hexanone	10.965	43	133733	47.232	ug/L	97
49) Dibromochloromethane	11.123	129	106567	20.682	ug/L	97
50) 1,2-Dibromoethane	11.233	107	87242	19.828	ug/L	98
51) Chlorobenzene	11.654	112	353197	19.619	ug/L	94
52) Ethylbenzene	11.727	91	648321	19.747	ug/L	99
53) m,p-Xylene	11.837	106	244214	20.002	ug/L	91
54) o-Xylene	12.160	106	226664	19.938	ug/L	91
55) Styrene	12.178	104	389774	20.145	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	111438	20.426	ug/L	98
59) Bromoform	12.349	173	57361	21.372	ug/L	99
60) Isopropylbenzene	12.459	105	643424	21.108	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	79528	21.394	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	404894	20.841	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	495964	21.212	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	254654	19.689	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	253120	19.239	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	226813	19.936	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	16841	19.771	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	158278	17.784	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121241	17.444	ug/L	91
71) Naphthalene	15.354	128	249739	20.303	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105581	17.119	ug/L	97

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

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