

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027948.D
 Acq On : 05 Feb 2024 12:22
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV415

Quant Time: Feb 06 04:02:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 03:57:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	276588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251168	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81703	25.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
7) Chloroethane-d5	2.899	69	64247	26.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	4.027	65	35010	25.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.040%
21) 2-Butanone-d5	7.088	46	31175	61.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.880%
24) Chloroform-d	7.648	84	161906	25.035	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	8.307	65	76310	26.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.276	84	338293	25.174	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.270	67	91665	25.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.325	98	325371	25.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.240%
43) trans-1,3-Dichloroprop...	10.575	79	40025	26.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.840%
47) 2-Hexanone-d5	10.922	63	30348	61.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77516	28.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	113763	25.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61539	25.837	ug/L	97
3) Chloromethane	2.223	50	62700	23.970	ug/L	99
5) Vinyl chloride	2.375	62	84663	23.880	ug/L	99
6) Bromomethane	2.796	94	60279	24.062	ug/L	100
8) Chloroethane	2.936	64	50069	24.995	ug/L	95
9) Trichlorofluoromethane	3.271	101	75731	23.504	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	81637	25.137	ug/L #	39
12) 1,1-Dichloroethene	4.045	96	74212	24.563	ug/L	97
13) Acetone	4.149	43	27835	56.870	ug/L	96
14) Carbon disulfide	4.393	76	204385	22.850	ug/L	98
15) Methyl Acetate	4.679	43	23100	28.350	ug/L	98
16) Methylene chloride	4.923	84	79891	23.109	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79245	24.413	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	105680	27.463	ug/L	98
19) 1,1-Dichloroethane	6.222	63	132385	25.105	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	85493	24.942	ug/L	98
22) 2-Butanone	7.179	43	33465	59.231	ug/L	96
23) Bromochloromethane	7.514	128	39866	26.183	ug/L	87
25) Chloroform	7.679	83	143944	25.392	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	83525	26.458	ug/L	99
29) Cyclohexane	7.959	56	111678	24.946	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	121380	25.034	ug/L	99
31) Carbon tetrachloride	8.069	117	110792	24.700	ug/L	98
33) Benzene	8.325	78	309832	24.698	ug/L	100
34) Trichloroethene	9.093	95	87448	24.282	ug/L	99
35) Methylcyclohexane	9.331	83	147023	24.809	ug/L	98
37) 1,2-Dichloropropane	9.368	63	74193	25.168	ug/L	100
38) Bromodichloromethane	9.642	83	100537	25.550	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	121302	25.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	67720	60.864	ug/L	100
42) Toluene	10.386	91	350561	24.924	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	98353	26.226	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	61233	26.243	ug/L	97
46) Tetrachloroethene	10.861	164	73331	24.200	ug/L	98
48) 2-Hexanone	10.965	43	49874	59.180	ug/L	97
49) Dibromochloromethane	11.123	129	71001	26.691	ug/L	90
50) 1,2-Dibromoethane	11.233	107	59526	27.331	ug/L	90
51) Chlorobenzene	11.654	112	232224	24.823	ug/L	99
52) Ethylbenzene	11.727	91	398548	25.132	ug/L	100
53) m,p-Xylene	11.837	106	153819	24.732	ug/L	85
54) o-Xylene	12.160	106	152185	26.090	ug/L	96
55) Styrene	12.178	104	257966	26.552	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	72018	28.823	ug/L	100
59) Bromoform	12.349	173	41418	26.542	ug/L	98
60) Isopropylbenzene	12.459	105	416554	25.234	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49528	28.071	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	335783	25.419	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	332626	25.732	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190232	25.086	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	192005	24.903	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	175666	26.228	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10208	29.140	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	141484	25.983	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	115935	26.366	ug/L	97
71) Naphthalene	15.360	128	202180	29.589	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98376	26.815	ug/L	99

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

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