

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024991.D
 Acq On : 26 Oct 2022 17:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Oct 27 04:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:48:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	335813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	303889	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84168	22.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
7) Chloroethane-d5	2.885	69	47458	21.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.960%
11) 1,1-Dichloroethene-d2	4.019	63	212214	22.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.080	46	62293	48.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.940%
24) Chloroform-d	7.647	84	249633	24.495	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.305	65	139810	24.508	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.274	84	487851	25.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.274	67	142194	24.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	10.323	98	446833	24.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	10.579	79	62950	24.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.480%
47) 2-Hexanone-d5	10.920	63	52506	53.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112001	24.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.320%
66) 1,2-Dichlorobenzene-d4	13.847	152	143806	24.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32208	28.755	ug/L	97
3) Chloromethane	2.221	50	59907	22.237	ug/L	99
5) Vinyl chloride	2.361	62	84591	22.725	ug/L	100
6) Bromomethane	2.775	94	41414	22.294	ug/L	100
8) Chloroethane	2.922	64	32922	21.202	ug/L	97
9) Trichlorofluoromethane	3.257	101	66632	21.338	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	106640	24.116	ug/L	98
12) 1,1-Dichloroethene	4.037	96	98922	23.747	ug/L	92
13) Acetone	4.123	43	40138	44.414	ug/L	98
14) Carbon disulfide	4.385	76	284111	23.348	ug/L	97
15) Methyl Acetate	4.671	43	45168	25.104	ug/L	98
16) Methylene chloride	4.915	84	118418	19.861	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	108105	24.236	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	182164	24.346	ug/L	99
19) 1,1-Dichloroethane	6.214	63	200488	24.278	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	119464	24.573	ug/L	95
22) 2-Butanone	7.171	43	61697	45.567	ug/L	98
23) Bromochloromethane	7.519	128	50728	24.069	ug/L	98
25) Chloroform	7.677	83	214191	24.576	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	145340	24.585	ug/L	99
29) Cyclohexane	7.957	56	178667	24.899	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	181971	24.469	ug/L	99
31) Carbon tetrachloride	8.067	117	164788	24.798	ug/L	99
33) Benzene	8.323	78	458245	25.041	ug/L	100
34) Trichloroethene	9.091	95	120046	24.780	ug/L	97
35) Methylcyclohexane	9.335	83	204455	24.838	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111009	24.993	ug/L	100
38) Bromodichloromethane	9.646	83	154238	24.881	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	180423	25.695	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	136037	52.192	ug/L	100
42) Toluene	10.390	91	482657	24.843	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	160734	25.749	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	85123	25.383	ug/L	96
46) Tetrachloroethene	10.859	164	83886	24.213	ug/L	93
48) 2-Hexanone	10.963	43	93130	51.665	ug/L	99
49) Dibromochloromethane	11.128	129	101377	24.799	ug/L	96
50) 1,2-Dibromoethane	11.237	107	79844	25.174	ug/L	97
51) Chlorobenzene	11.658	112	309274	24.559	ug/L	99
52) Ethylbenzene	11.725	91	555705	24.779	ug/L	94
53) m,p-Xylene	11.835	106	216630	24.955	ug/L	99
54) o-Xylene	12.164	106	205212	25.057	ug/L	99
55) Styrene	12.176	104	361209	25.394	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	103004	25.603	ug/L	96
59) Bromoform	12.347	173	53110	24.128	ug/L	95
60) Isopropylbenzene	12.463	105	551548	23.572	ug/L	99
61) 1,2,3-Trichloropropane	12.761	75	77974	24.938	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	491290	24.188	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	475256	23.862	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	228656	23.431	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	231681	23.793	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	214951	24.498	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17355	24.019	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	152289	23.561	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	119595	23.805	ug/L	95
71) Naphthalene	15.359	128	265630	25.064	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	105474	24.095	ug/L	97

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

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