

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027641.D
 Acq On : 15 Dec 2023 17:32
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Dec 16 00:01:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:53:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298691	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103072	21.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
7) Chloroethane-d5	2.899	69	79723	21.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	4.021	65	40668	21.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.160%
21) 2-Butanone-d5	7.087	46	40520	49.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.780%
24) Chloroform-d	7.654	84	172814	21.563	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	8.307	65	83568	22.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.840%
32) Benzene-d6	8.276	84	382157	21.892	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	9.276	67	110176	22.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.120%
41) Toluene-d8	10.318	98	352861	21.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.160%
43) trans-1,3-Dichloroprop...	10.575	79	44632	23.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.240%
47) 2-Hexanone-d5	10.922	63	36217	50.252	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89667	23.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	115825	21.335	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	98421	25.107	ug/L	96
3) Chloromethane	2.222	50	110006	23.825	ug/L	97
5) Vinyl chloride	2.375	62	132646	24.148	ug/L	98
6) Bromomethane	2.795	94	82993	23.737	ug/L	98
8) Chloroethane	2.936	64	77366	23.556	ug/L	99
9) Trichlorofluoromethane	3.277	101	117064	23.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	100128	23.758	ug/L	98
12) 1,1-Dichloroethene	4.045	96	99199	24.045	ug/L	96
13) Acetone	4.143	43	37467	50.815	ug/L	98
14) Carbon disulfide	4.387	76	336685	24.292	ug/L	99
15) Methyl Acetate	4.679	43	34660	26.019	ug/L	100
16) Methylene chloride	4.923	84	105626	20.002	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	105151	24.103	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	144241	25.008	ug/L	99
19) 1,1-Dichloroethane	6.216	63	174173	23.478	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	110827	24.133	ug/L	100
22) 2-Butanone	7.173	43	49882	50.946	ug/L	99
23) Bromochloromethane	7.520	128	47908	24.705	ug/L	95
25) Chloroform	7.679	83	174904	23.940	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	105221	24.565	ug/L	96
29) Cyclohexane	7.959	56	170322	24.100	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	148767	23.844	ug/L	100
31) Carbon tetrachloride	8.069	117	127051	23.139	ug/L	96
33) Benzene	8.325	78	409629	23.658	ug/L	100
34) Trichloroethene	9.093	95	111984	23.727	ug/L	94
35) Methylcyclohexane	9.331	83	205731	24.168	ug/L	99
37) 1,2-Dichloropropane	9.367	63	98891	23.660	ug/L	99
38) Bromodichloromethane	9.642	83	119625	23.547	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	157016	24.647	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	96280	52.704	ug/L	99
42) Toluene	10.386	91	445618	23.919	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	124270	24.771	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	77841	25.155	ug/L	99
46) Tetrachloroethene	10.861	164	90062	23.897	ug/L	94
48) 2-Hexanone	10.965	43	73016	53.699	ug/L	99
49) Dibromochloromethane	11.123	129	80104	24.750	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74478	25.326	ug/L #	87
51) Chlorobenzene	11.654	112	282131	23.703	ug/L	93
52) Ethylbenzene	11.727	91	499779	23.806	ug/L	94
53) m,p-Xylene	11.836	106	194261	24.091	ug/L	97
54) o-Xylene	12.160	106	183106	24.386	ug/L	100
55) Styrene	12.178	104	309236	24.430	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89984	25.510	ug/L	99
59) Bromoform	12.349	173	48034	25.874	ug/L	98
60) Isopropylbenzene	12.458	105	504487	23.568	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64350	25.457	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	395062	23.088	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	404658	24.024	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	213180	23.047	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	218667	23.535	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	189988	23.620	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	12386	24.528	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	149578	23.241	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	122614	23.198	ug/L	96
71) Naphthalene	15.360	128	248876	26.572	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	108898	24.642	ug/L	99

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

