

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040124\
 Data File : VW028282.D
 Acq On : 01 Apr 2024 14:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 30 00:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	215751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	196549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	46753	18.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.905	69	39695	22.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.021	65	31709	19.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.240%
21) 2-Butanone-d5	7.075	46	46386	62.301	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.600%
24) Chloroform-d	7.648	84	173546	27.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.120%
26) 1,2-Dichloroethane-d4	8.301	65	91333	26.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	8.270	84	319328	26.610	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.440%
36) 1,2-Dichloropropane-d6	9.270	67	99242	28.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.960%
41) Toluene-d8	10.319	98	283806	25.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.560%
43) trans-1,3-Dichloroprop...	10.575	79	40687	25.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.760%
47) 2-Hexanone-d5	10.922	63	36926	64.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81058	31.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.120%#
66) 1,2-Dichlorobenzene-d4	13.849	152	105218	27.181	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59855m	19.124	ug/L	
3) Chloromethane	2.223	50	46874	21.116	ug/L	100
5) Vinyl chloride	2.375	62	57181	22.788	ug/L	100
6) Bromomethane	2.796	94	36085	24.147	ug/L	94
8) Chloroethane	2.936	64	33517	24.851	ug/L	99
9) Trichlorofluoromethane	3.265	101	61447	20.254	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	73219m	24.295	ug/L	
12) 1,1-Dichloroethene	4.052	96	66297	23.796	ug/L	84
13) Acetone	4.125	43	27885	33.731	ug/L	96
14) Carbon disulfide	4.393	76	187036	21.524	ug/L	99
15) Methyl Acetate	4.673	43	30259	23.763	ug/L	97
16) Methylene chloride	4.911	84	73621	22.420	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	71378	24.108	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	112717	25.233	ug/L	99
19) 1,1-Dichloroethane	6.216	63	147506	25.734	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	81767	25.571	ug/L	96
22) 2-Butanone	7.173	43	40232	42.864	ug/L	98
23) Bromochloromethane	7.514	128	35867	25.371	ug/L	86
25) Chloroform	7.673	83	151965	25.752	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	98518	23.641	ug/L	97
29) Cyclohexane	7.959	56	116877	22.798	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	121267	23.537	ug/L	98
31) Carbon tetrachloride	8.063	117	111235	23.017	ug/L	98
33) Benzene	8.325	78	314955	26.041	ug/L	100
34) Trichloroethene	9.087	95	82752	24.524	ug/L	98
35) Methylcyclohexane	9.331	83	131130	22.990	ug/L	99
37) 1,2-Dichloropropane	9.368	63	84084	27.180	ug/L	100
38) Bromodichloromethane	9.642	83	104898	25.150	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	127637	25.763	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	89445	52.380	ug/L	98
42) Toluene	10.386	91	340281	25.779	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	105692	25.268	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	58230	26.052	ug/L	98
46) Tetrachloroethene	10.861	164	63588	23.378	ug/L	96
48) 2-Hexanone	10.965	43	60630	45.326	ug/L	98
49) Dibromochloromethane	11.123	129	67770	25.601	ug/L	100
50) 1,2-Dibromoethane	11.233	107	53372	24.973	ug/L	94
51) Chlorobenzene	11.654	112	214938	25.654	ug/L	97
52) Ethylbenzene	11.727	91	388598	25.219	ug/L	99
53) m,p-Xylene	11.837	106	147158	25.378	ug/L	93
54) o-Xylene	12.160	106	140442	26.118	ug/L	97
55) Styrene	12.178	104	245155	26.542	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	67285	26.318	ug/L	98
59) Bromoform	12.349	173	37350	23.457	ug/L	99
60) Isopropylbenzene	12.459	105	399668	25.315	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	49356	24.337	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	266682	25.174	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	322679	25.226	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	174096	24.717	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	174849	24.825	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	154865	25.532	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10826	22.725	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	120016	24.462	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	101874	24.442	ug/L	99
71) Naphthalene	15.360	128	182790	25.551	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	89936	26.175	ug/L	99

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

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