

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025546.D
 Acq On : 03 Apr 2023 09:42
 Operator : SY/MD
 Sample : VSTD00538
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005438

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 04 02:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 03 11:21:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	750358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	667911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64639	5.290	ug/L	0.00
7) Chloroethane-d5	2.893	69	45122	5.227	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	124854	5.056	ug/L	0.00
21) 2-Butanone-d5	7.087	46	24463	8.947	ug/L	0.00
24) Chloroform-d	7.648	84	106328	5.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	55444	5.058	ug/L	0.00
32) Benzene-d6	8.276	84	218098	5.043	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	67799	5.028	ug/L	0.00
41) Toluene-d8	10.325	98	187233	4.955	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	23872	4.722	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	14649	7.948	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	44879	4.931	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	56678	5.079	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	49324m	5.433	ug/L	
3) Chloromethane	2.222	50	51374	4.220	ug/L	95
5) Vinyl chloride	2.375	62	63326	4.706	ug/L	94
6) Bromomethane	2.789	94	34296	4.737	ug/L	98
8) Chloroethane	2.930	64	36674	4.866	ug/L	97
9) Trichlorofluoromethane	3.271	101	47167	4.549	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	52707	5.066	ug/L #	76
12) 1,1-Dichloroethene	4.051	96	49668	4.784	ug/L	87
13) Acetone	4.124	43	20799	8.989	ug/L	93
14) Carbon disulfide	4.393	76	177186	4.822	ug/L	99
15) Methyl Acetate	4.673	43	22894	4.420	ug/L	96
16) Methylene chloride	4.923	84	62520	5.242	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	52787	4.768	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	72702	4.759	ug/L #	77
19) 1,1-Dichloroethane	6.216	63	107774	4.872	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	54250	4.709	ug/L #	90
22) 2-Butanone	7.173	43	28037	8.555	ug/L	94
23) Bromochloromethane	7.520	128	23198	4.910	ug/L	93
25) Chloroform	7.679	83	100438	4.965	ug/L	99
27) 1,2-Dichloroethane	8.398	62	67352	4.962	ug/L	99
29) Cyclohexane	7.953	56	99753	4.614	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	81361	4.903	ug/L	99
31) Carbon tetrachloride	8.075	117	73508	4.905	ug/L	100
33) Benzene	8.325	78	228481	4.915	ug/L	100
34) Trichloroethene	9.093	95	59574	4.927	ug/L	97
35) Methylcyclohexane	9.337	83	103220	4.727	ug/L	98
37) 1,2-Dichloropropane	9.367	63	60405	4.920	ug/L	100
38) Bromodichloromethane	9.648	83	68390	4.868	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	79270	4.501	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	61121	8.795	ug/L	99
42) Toluene	10.386	91	229350	4.845	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	64863	4.466	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	38345	4.898	ug/L	95
46) Tetrachloroethene	10.861	164	42168	4.958	ug/L	86
48) 2-Hexanone	10.971	43	39732	8.275	ug/L	96
49) Dibromochloromethane	11.129	129	39484	4.790	ug/L	99
50) 1,2-Dibromoethane	11.233	107	33804	4.700	ug/L	87
51) Chlorobenzene	11.654	112	144106	4.940	ug/L	100
52) Ethylbenzene	11.727	91	259334	4.841	ug/L	97
53) m,p-Xylene	11.836	106	94010	4.785	ug/L	98
54) o-Xylene	12.166	106	88027	4.790	ug/L	92
55) Styrene	12.178	104	143669	4.644	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	44828	4.781	ug/L	99
59) Bromoform	12.349	173	20706	4.652	ug/L	99
60) Isopropylbenzene	12.458	105	242766	4.771	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	33162	4.926	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	183828	4.577	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	175945	4.549	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	104235	4.943	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	106238	4.933	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	89391	4.836	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	6418	4.346	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	66641	4.720	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	53297	4.647	ug/L	98
71) Naphthalene	15.360	128	90615	4.235	ug/L	100
72) 1,2,3-Trichlorobenzene	15.555	180	46808	4.668	ug/L	93

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

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