

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027187.D
 Acq On : 27 Sep 2023 10:55
 Operator : SY/MD
 Sample : VSTD00555
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005455

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Quant Time: Sep 27 23:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	602073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	588504	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	315726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	54542	5.767	ug/L	0.00
7) Chloroethane-d5	2.899	69	42723m	5.709	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	21616	5.500	ug/L	0.00
21) 2-Butanone-d5	7.088	46	19369	9.776	ug/L	0.01
24) Chloroform-d	7.648	84	97517	5.534	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	48303	5.720	ug/L	0.00
32) Benzene-d6	8.276	84	200240	5.552	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	59834	5.541	ug/L	0.00
41) Toluene-d8	10.325	98	170302	5.351	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	22544	5.320	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	15264	9.241	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45668	5.526	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	59378	5.609	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	39542m	4.677	ug/L	
3) Chloromethane	2.229	50	55017	5.210	ug/L	98
5) Vinyl chloride	2.375	62	59640	5.173	ug/L	99
6) Bromomethane	2.790	94	39058	5.142	ug/L	97
8) Chloroethane	2.930	64	36896	5.273	ug/L	95
9) Trichlorofluoromethane	3.265	101	47218	4.873	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	47595	4.780	ug/L #	76
12) 1,1-Dichloroethene	4.052	96	45917	4.930	ug/L	94
13) Acetone	4.125	43	18718	7.746	ug/L	96
14) Carbon disulfide	4.393	76	161604	5.169	ug/L	98
15) Methyl Acetate	4.673	43	19161	4.731	ug/L	99
16) Methylene chloride	4.917	84	64157	5.443	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	50376	5.027	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	57566	4.590	ug/L	99
19) 1,1-Dichloroethane	6.216	63	94888	5.077	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	50957	4.770	ug/L	92
22) 2-Butanone	7.179	43	23545m	8.013	ug/L	
23) Bromochloromethane	7.520	128	24765	5.080	ug/L	94
25) Chloroform	7.679	83	92515	5.075	ug/L	99
27) 1,2-Dichloroethane	8.398	62	56558	5.065	ug/L	100
29) Cyclohexane	7.959	56	72663	4.641	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	74243	5.075	ug/L	99
31) Carbon tetrachloride	8.075	117	69597	5.037	ug/L	99
33) Benzene	8.325	78	208209	5.006	ug/L	100
34) Trichloroethene	9.093	95	53908	4.963	ug/L	98
35) Methylcyclohexane	9.331	83	86516	4.736	ug/L	96
37) 1,2-Dichloropropane	9.368	63	54868	5.117	ug/L #	97
38) Bromodichloromethane	9.642	83	64764	5.031	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	72165	4.570	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	45374	8.727	ug/L	98
42) Toluene	10.386	91	209384	4.902	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	60102	4.644	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	39246	5.060	ug/L	97
46) Tetrachloroethene	10.861	164	43546	5.100	ug/L	91
48) 2-Hexanone	10.971	43	32571	7.990	ug/L	94
49) Dibromochloromethane	11.123	129	40002	4.756	ug/L	99
50) 1,2-Dibromoethane	11.233	107	35623	4.950	ug/L	99
51) Chlorobenzene	11.654	112	144726	5.106	ug/L	97
52) Ethylbenzene	11.727	91	228536	4.762	ug/L	95
53) m,p-Xylene	11.837	106	87356	4.747	ug/L	96
54) o-Xylene	12.166	106	80506	4.684	ug/L	99
55) Styrene	12.178	104	139363	4.710	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	46024	4.947	ug/L	99
59) Bromoform	12.349	173	23348	4.683	ug/L	95
60) Isopropylbenzene	12.459	105	221963	4.774	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	31621	4.892	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	162652	4.462	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	159296	4.459	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	110167	5.134	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	109405	5.075	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	93176	4.954	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	6270	4.528	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	70234	5.083	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	52565	4.822	ug/L	97
71) Naphthalene	15.360	128	80329	4.176	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	49173	5.082	ug/L	99

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

