

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026584.D
 Acq On : 11 Jul 2023 09:00
 Operator : SY/MD
 Sample : VSTD00515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005415

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

Quant Time: Jul 12 06:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	583484	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	512405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	51863	5.269	ug/L	0.00
7) Chloroethane-d5	2.899	69	37597	5.444	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	24494	5.299	ug/L	0.00
21) 2-Butanone-d5	7.088	46	27550	8.697	ug/L	0.01
24) Chloroform-d	7.648	84	87054	5.182	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	48174	5.136	ug/L	0.00
32) Benzene-d6	8.276	84	178175	5.065	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	54536	5.042	ug/L	0.00
41) Toluene-d8	10.325	98	152005	5.038	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	20093	4.634	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	16247	7.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45068	4.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	46278	5.073	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	33300	4.907	ug/L	# 87
3) Chloromethane	2.216	50	51731	5.501	ug/L	99
5) Vinyl chloride	2.375	62	56143	5.665	ug/L	96
6) Bromomethane	2.783	94	29384	5.577	ug/L	96
8) Chloroethane	2.930	64	30624	5.526	ug/L	98
9) Trichlorofluoromethane	3.265	101	38049	5.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	43413	5.380	ug/L	93
12) 1,1-Dichloroethene	4.039	96	41915	5.362	ug/L	93
13) Acetone	4.131	43	20545	8.979	ug/L	94
14) Carbon disulfide	4.393	76	147412	5.380	ug/L	100
15) Methyl Acetate	4.679	43	26967	4.950	ug/L	# 82
16) Methylene chloride	4.917	84	64902m	6.317	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	43747	5.234	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	67650	5.172	ug/L	100
19) 1,1-Dichloroethane	6.222	63	91098	5.452	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	45732	5.284	ug/L	99
22) 2-Butanone	7.185	43	31293	8.989	ug/L	99
23) Bromochloromethane	7.514	128	20071	5.414	ug/L	99
25) Chloroform	7.679	83	83138	5.430	ug/L	99
27) 1,2-Dichloroethane	8.404	62	57793	5.362	ug/L	98
29) Cyclohexane	7.959	56	79790	5.001	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	67524	5.377	ug/L	99
31) Carbon tetrachloride	8.075	117	59698	5.236	ug/L	99
33) Benzene	8.325	78	190338	5.391	ug/L	100
34) Trichloroethene	9.093	95	48509	5.349	ug/L	98
35) Methylcyclohexane	9.337	83	83383	5.120	ug/L	99
37) 1,2-Dichloropropane	9.368	63	50270	5.362	ug/L	99
38) Bromodichloromethane	9.642	83	56008	5.258	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	68294	5.059	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	66419	9.386	ug/L	98
42) Toluene	10.386	91	190899	5.354	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	56854	4.994	ug/L	92

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45) 1,1,2-Trichloroethane	10.788	97	35174	5.375	ug/L	95
46) Tetrachloroethene	10.867	164	33902	5.266	ug/L	91
48) 2-Hexanone	10.965	43	45640	9.241	ug/L	95
49) Dibromochloromethane	11.130	129	33311	5.141	ug/L	100
50) 1,2-Dibromoethane	11.239	107	32234	5.226	ug/L	99
51) Chlorobenzene	11.654	112	116062	5.309	ug/L	96
52) Ethylbenzene	11.727	91	204032	5.140	ug/L	98
53) m,p-Xylene	11.837	106	73318	5.077	ug/L	95
54) o-Xylene	12.166	106	69127	5.100	ug/L	94
55) Styrene	12.178	104	117597	5.144	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	45134	5.256	ug/L #	95
59) Bromoform	12.349	173	20328	5.173	ug/L	95
60) Isopropylbenzene	12.465	105	192840	5.017	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	36048	5.372	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	140170	4.754	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	143018	4.893	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	86666	5.373	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	84671	5.263	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	75759	5.307	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	7881	4.933	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	55636	5.212	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	46089	5.262	ug/L	97
71) Naphthalene	15.360	128	88181	4.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	44503	5.397	ug/L	94

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

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