

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026583.D
 Acq On : 11 Jul 2023 08:36
 Operator : SY/MD
 Sample : VSTD2.514
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5414

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 06:31:50 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	581787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	516615	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255850	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	27461	2.798	ug/L	0.00
7) Chloroethane-d5	2.893	69	18085	2.626	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	12634	2.741	ug/L	0.00
21) 2-Butanone-d5	7.087	46	14525m	4.598	ug/L	0.01
24) Chloroform-d	7.648	84	43696	2.609	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25409	2.717	ug/L	0.00
32) Benzene-d6	8.276	84	89917	2.535	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	28158	2.582	ug/L	0.00
41) Toluene-d8	10.325	98	72522	2.384	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10819	2.475	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7511	3.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23587	2.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	22645	2.411	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17301	2.557	ug/L	100
3) Chloromethane	2.216	50	24937	2.659	ug/L	99
5) Vinyl chloride	2.369	62	27013	2.733	ug/L	96
6) Bromomethane	2.783	94	14531	2.766	ug/L	99
8) Chloroethane	2.936	64	14476	2.620	ug/L	98
9) Trichlorofluoromethane	3.265	101	17792	2.431	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	22526m	2.800	ug/L	
12) 1,1-Dichloroethene	4.039	96	19934	2.558	ug/L	89
13) Acetone	4.124	43	11761	5.155	ug/L	93
14) Carbon disulfide	4.387	76	71074	2.601	ug/L	100
15) Methyl Acetate	4.685	43	14449m	2.660	ug/L	
16) Methylene chloride	4.923	84	37953	3.705	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	21451	2.574	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	32541	2.495	ug/L	98
19) 1,1-Dichloroethane	6.228	63	43380	2.604	ug/L	92
20) cis-1,2-Dichloroethene	7.173	96	21526	2.495	ug/L	93
22) 2-Butanone	7.173	43	16180	4.661	ug/L	100
23) Bromochloromethane	7.520	128	9775	2.645	ug/L	94
25) Chloroform	7.673	83	40325	2.642	ug/L	93
27) 1,2-Dichloroethane	8.398	62	28772	2.677	ug/L #	93
29) Cyclohexane	7.953	56	35235	2.191	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	31685	2.502	ug/L	96
31) Carbon tetrachloride	8.069	117	29557	2.572	ug/L	99
33) Benzene	8.325	78	88966	2.499	ug/L	100
34) Trichloroethene	9.093	95	22940	2.509	ug/L	92
35) Methylcyclohexane	9.337	83	38064	2.318	ug/L	97
37) 1,2-Dichloropropane	9.367	63	24578	2.600	ug/L #	95
38) Bromodichloromethane	9.642	83	27028	2.517	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	30425	2.236	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	31050	4.352	ug/L	95
42) Toluene	10.386	91	84440	2.349	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	25864	2.253	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	17024	2.580	ug/L	93
46) Tetrachloroethene	10.861	164	16341	2.517	ug/L	94
48) 2-Hexanone	10.971	43	19539	3.924	ug/L	99
49) Dibromochloromethane	11.129	129	15758	2.412	ug/L	97
50) 1,2-Dibromoethane	11.233	107	14936	2.402	ug/L #	97
51) Chlorobenzene	11.654	112	56592	2.568	ug/L	97
52) Ethylbenzene	11.727	91	93172	2.328	ug/L	100
53) m,p-Xylene	11.836	106	33311	2.288	ug/L	92
54) o-Xylene	12.166	106	30586	2.238	ug/L	95
55) Styrene	12.178	104	50178	2.177	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	21377	2.469	ug/L	99
59) Bromoform	12.355	173	9234	2.282	ug/L #	93
60) Isopropylbenzene	12.464	105	87239	2.204	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	16809	2.432	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	60053	1.978	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	61187	2.033	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	41602	2.505	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	42046	2.538	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	36717	2.498	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	4177	2.539	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.629	180	28510	2.594	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	21927	2.431	ug/L	98
71) Naphthalene	15.360	128	41391	2.026	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	20681	2.435	ug/L	94

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

