

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027636.D
 Acq On : 15 Dec 2023 15:10
 Operator : SY/MD
 Sample : VSTD00579
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005479

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 15 23:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:32:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	340716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	295986	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146821	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	25015	5.170	ug/L	0.00
7) Chloroethane-d5	2.899	69	19496	5.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10011	5.136	ug/L	0.00
21) 2-Butanone-d5	7.093	46	8006m	9.547	ug/L	0.00
24) Chloroform-d	7.648	84	40494	4.959	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	19248	5.034	ug/L	0.00
32) Benzene-d6	8.276	84	88326	5.090	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	24710	5.012	ug/L	0.00
41) Toluene-d8	10.324	98	79572	4.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	8938	4.668	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	6724	9.341	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	18107	4.864	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25486	4.918	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	18993m	4.978	ug/L	
3) Chloromethane	2.222	50	23337	4.962	ug/L	91
5) Vinyl chloride	2.375	62	28508	5.096	ug/L	95
6) Bromomethane	2.795	94	17976	5.030	ug/L	94
8) Chloroethane	2.942	64	17176	5.156	ug/L	98
9) Trichlorofluoromethane	3.271	101	25362	4.904	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	21691	5.113	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	21224	5.014	ug/L	96
13) Acetone	4.161	43	7641	9.978	ug/L	95
14) Carbon disulfide	4.393	76	71331	5.009	ug/L	97
15) Methyl Acetate	4.691	43	6966	5.048	ug/L	100
16) Methylene chloride	4.917	84	31406	5.707	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	22162	4.929	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	29918	5.055	ug/L	99
19) 1,1-Dichloroethane	6.221	63	38984	5.114	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	23687	5.034	ug/L	97
22) 2-Butanone	7.191	43	10046m	10.148	ug/L	
23) Bromochloromethane	7.520	128	10041	5.040	ug/L	95
25) Chloroform	7.679	83	38701	5.150	ug/L	97
27) 1,2-Dichloroethane	8.404	62	22296	5.060	ug/L	96
29) Cyclohexane	7.953	56	35629	5.014	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	32119	5.116	ug/L	98
31) Carbon tetrachloride	8.069	117	27919	5.085	ug/L	97
33) Benzene	8.325	78	90871	5.217	ug/L	100
34) Trichloroethene	9.093	95	24901	5.281	ug/L	97
35) Methylcyclohexane	9.331	83	43332	5.075	ug/L	98
37) 1,2-Dichloropropane	9.367	63	21755	5.205	ug/L #	96
38) Bromodichloromethane	9.642	83	25864	5.109	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	31086	4.862	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	17643	9.681	ug/L	100
42) Toluene	10.385	91	98030	5.239	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	23950	4.738	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	16117	5.200	ug/L	95
46) Tetrachloroethene	10.861	164	19186	5.070	ug/L	95
48) 2-Hexanone	10.971	43	12715	9.480	ug/L	97
49) Dibromochloromethane	11.129	129	16126	5.007	ug/L	95
50) 1,2-Dibromoethane	11.233	107	15062	5.101	ug/L	93
51) Chlorobenzene	11.660	112	61985	5.179	ug/L	89
52) Ethylbenzene	11.727	91	108186	5.122	ug/L	92
53) m,p-Xylene	11.836	106	40318	4.957	ug/L	90
54) o-Xylene	12.159	106	37905	5.030	ug/L	92
55) Styrene	12.178	104	62820	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	17949	5.075	ug/L	99
59) Bromoform	12.348	173	8678	4.799	ug/L #	95
60) Isopropylbenzene	12.458	105	104371	4.971	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12485	5.067	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	80741	4.849	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	80087	4.879	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	45960	5.121	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	46248	5.101	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	40544	5.115	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	2456	5.023	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.622	180	32274	5.121	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	25457	5.015	ug/L	95
71) Naphthalene	15.360	128	41823	4.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	21669	5.026	ug/L	98

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

