

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026990.D
 Acq On : 05 Sep 2023 10:22
 Operator : SY/MD
 Sample : VSTD00529
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005429

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 01:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:32:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	756413	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	731440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	398951	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73651	5.450	ug/L	0.00
7) Chloroethane-d5	2.899	69	58179	5.334	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	27062	5.396	ug/L	0.00
21) 2-Butanone-d5	7.087	46	25648m	10.014	ug/L	0.00
24) Chloroform-d	7.654	84	113302	5.034	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	59446	5.025	ug/L	0.00
32) Benzene-d6	8.276	84	240711	5.017	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	69262	4.918	ug/L	0.00
41) Toluene-d8	10.325	98	209759	4.829	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	26578	4.863	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	10827	8.234	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53655	4.909	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	66952	4.852	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.027	85	42954	4.923	ug/L	93
3) Chloromethane	2.222	50	64369	4.905	ug/L	99
5) Vinyl chloride	2.381	62	75339	5.032	ug/L	100
6) Bromomethane	2.783	94	48321	4.890	ug/L	98
8) Chloroethane	2.936	64	46869	4.988	ug/L	98
9) Trichlorofluoromethane	3.259	101	39492	4.553	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	50936	4.722	ug/L	95
12) 1,1-Dichloroethene	4.051	96	50700	4.744	ug/L	95
13) Acetone	4.131	43	22368	9.811	ug/L	91
14) Carbon disulfide	4.393	76	166672	4.862	ug/L	95
15) Methyl Acetate	4.673	43	21418	4.368	ug/L #	88
16) Methylene chloride	4.929	84	75201	5.057	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	55834	4.773	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	72859	4.472	ug/L #	83
19) 1,1-Dichloroethane	6.216	63	106591	4.834	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	60141	4.672	ug/L	94
22) 2-Butanone	7.173	43	37004	10.157	ug/L	77
23) Bromochloromethane	7.514	128	27644	4.949	ug/L	95
25) Chloroform	7.679	83	106115	4.907	ug/L	94
27) 1,2-Dichloroethane	8.398	62	64728	4.731	ug/L	99
29) Cyclohexane	7.959	56	80833	4.239	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	78149	4.717	ug/L	98
31) Carbon tetrachloride	8.075	117	69973	4.738	ug/L	99
33) Benzene	8.325	78	238970	4.777	ug/L	100
34) Trichloroethene	9.093	95	60666	4.720	ug/L	91
35) Methylcyclohexane	9.337	83	97936	4.485	ug/L	99
37) 1,2-Dichloropropane	9.367	63	60459	4.736	ug/L	100
38) Bromodichloromethane	9.648	83	70426	4.685	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	81037	4.275	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	57956	8.794	ug/L	99
42) Toluene	10.386	91	239366	4.650	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	68634	4.460	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	44160	4.802	ug/L	94
46) Tetrachloroethene	10.861	164	46567	4.746	ug/L	94
48) 2-Hexanone	10.965	43	36620	8.352	ug/L	97
49) Dibromochloromethane	11.129	129	43921	4.637	ug/L	91
50) 1,2-Dibromoethane	11.233	107	40460	4.860	ug/L	93
51) Chlorobenzene	11.654	112	155230	4.682	ug/L	98
52) Ethylbenzene	11.727	91	260364	4.562	ug/L	99
53) m,p-Xylene	11.836	106	96429	4.467	ug/L	96
54) o-Xylene	12.166	106	89780	4.445	ug/L	98
55) Styrene	12.178	104	154419	4.479	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	50813	4.670	ug/L	98
59) Bromoform	12.342	173	26241	4.625	ug/L	97
60) Isopropylbenzene	12.458	105	244720	4.478	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	35635	4.669	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	186330	4.273	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	180614	4.236	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	116826	4.699	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	119838	4.743	ug/L	83
67) 1,2-Dichlorobenzene	13.867	146	101914	4.550	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	8309	4.801	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	81947	4.745	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	64227	4.567	ug/L	91
71) Naphthalene	15.360	128	97162	3.905	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	59208	4.645	ug/L	98

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

