

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029474.D
 Acq On : 08 Jul 2024 11:48
 Operator : SY/MD
 Sample : VSTD00553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005453

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 09 01:57:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278481	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	20296	5.104	ug/L	0.00
7) Chloroethane-d5	2.893	69	14237	4.357	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.033	65	8196m	4.297	ug/L	0.01
21) 2-Butanone-d5	7.081	46	10281m	8.568	ug/L	0.00
24) Chloroform-d	7.648	84	33032	3.949	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	18716	3.878	ug/L	0.00
32) Benzene-d6	8.276	84	62765	3.796	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	19608	3.711	ug/L	0.00
41) Toluene-d8	10.325	98	53591	3.683	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	7706	3.571	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6604	7.769	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15683	3.695	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	17280	3.800	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	15616m	5.845	ug/L	
3) Chloromethane	2.216	50	18762	4.812	ug/L	100
5) Vinyl chloride	2.375	62	22404	5.040	ug/L	93
6) Bromomethane	2.783	94	12777	4.755	ug/L	93
8) Chloroethane	2.930	64	13337	4.876	ug/L	98
9) Trichlorofluoromethane	3.271	101	19133	5.395	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	18531	4.849	ug/L	96
12) 1,1-Dichloroethene	4.045	96	17529	5.315	ug/L	87
13) Acetone	4.131	43	12080	11.077	ug/L	95
14) Carbon disulfide	4.393	76	56027	5.136	ug/L	96
15) Methyl Acetate	4.673	43	10918	5.326	ug/L	95
16) Methylene chloride	4.923	84	26208	5.263	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	18725	5.070	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	30678	5.155	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	39186	4.976	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	20119	4.947	ug/L	94
22) 2-Butanone	7.179	43	15523	10.721	ug/L	97
23) Bromochloromethane	7.520	128	9479	5.248	ug/L	84
25) Chloroform	7.679	83	37980	4.962	ug/L	98
27) 1,2-Dichloroethane	8.398	62	28774	5.044	ug/L	100
29) Cyclohexane	7.959	56	30140	4.716	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	30393	4.946	ug/L	100
31) Carbon tetrachloride	8.075	117	28000	4.987	ug/L	96
33) Benzene	8.325	78	81032	4.892	ug/L	100
34) Trichloroethene	9.093	95	21721	4.894	ug/L	98
35) Methylcyclohexane	9.337	83	33168	4.751	ug/L	99
37) 1,2-Dichloropropane	9.368	63	22494	4.833	ug/L #	97
38) Bromodichloromethane	9.642	83	27589	4.857	ug/L #	92
39) cis-1,3-Dichloropropene	10.075	75	30992	4.646	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	27838	9.362	ug/L	99
42) Toluene	10.386	91	80700	4.741	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	26442	4.674	ug/L	98

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

45) 1,1,2-Trichloroethane	10.788	97	16062	4.902	ug/L	97
46) Tetrachloroethene	10.861	164	15542	4.967	ug/L	98
48) 2-Hexanone	10.971	43	21314	9.957	ug/L	99
49) Dibromochloromethane	11.129	129	16297	4.785	ug/L	99
50) 1,2-Dibromoethane	11.233	107	14772	4.996	ug/L #	94
51) Chlorobenzene	11.654	112	54453	4.951	ug/L	99
52) Ethylbenzene	11.727	91	91453	4.715	ug/L	97
53) m,p-Xylene	11.837	106	33065	4.669	ug/L	97
54) o-Xylene	12.160	106	30024	4.532	ug/L	98
55) Styrene	12.178	104	53317	4.632	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	20289	5.010	ug/L	97
59) Bromoform	12.349	173	9150	4.942	ug/L	99
60) Isopropylbenzene	12.459	105	84258	4.783	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	14964	5.093	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	51774	4.037	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	64126	4.657	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	39307	5.105	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	40540	4.992	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	34512	4.907	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	3224	4.673	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	26108	5.098	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	20222	4.816	ug/L	93
71) Naphthalene	15.360	128	39751	4.716	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	19047	4.926	ug/L	91

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

