

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030133.D
 Acq On : 16 Sep 2024 14:57
 Operator : SY/MD
 Sample : VSTD00571
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005471

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/28/2024

Quant Time: Sep 17 04:19:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:16:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253115	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110436	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	18111	5.541	ug/L	0.00
7) Chloroethane-d5	2.899	69	12610	5.464	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	8779	5.375	ug/L	-0.01
21) 2-Butanone-d5	7.088	46	7209m	9.159	ug/L	0.00
24) Chloroform-d	7.655	84	37314	5.362	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	18603	5.323	ug/L	0.00
32) Benzene-d6	8.276	84	72004	5.327	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	22095	5.295	ug/L	0.00
41) Toluene-d8	10.325	98	62830	5.187	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	8190	4.899	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5206	8.153	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15477	4.982	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	20525	5.475	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	14681m	5.378	ug/L	
3) Chloromethane	2.223	50	12915	4.956	ug/L	98
5) Vinyl chloride	2.375	62	17341	5.400	ug/L	96
6) Bromomethane	2.790	94	9751	5.068	ug/L	99
8) Chloroethane	2.936	64	10262	5.354	ug/L	96
9) Trichlorofluoromethane	3.265	101	19306	5.097	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	17190	5.054	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	15744	5.211	ug/L	98
13) Acetone	4.125	43	8229m	9.143	ug/L	
14) Carbon disulfide	4.387	76	46403	5.406	ug/L	97
15) Methyl Acetate	4.679	43	6843	4.660	ug/L	98
16) Methylene chloride	4.923	84	19977	5.352	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	16899	5.074	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	24450	4.658	ug/L #	87
19) 1,1-Dichloroethane	6.222	63	34761	5.140	ug/L	95
20) cis-1,2-Dichloroethene	7.179	96	17562	4.804	ug/L	95
22) 2-Butanone	7.173	43	9594m	9.207	ug/L	
23) Bromochloromethane	7.514	128	8394	5.138	ug/L	93
25) Chloroform	7.679	83	35033	5.100	ug/L	94
27) 1,2-Dichloroethane	8.398	62	21803	5.061	ug/L	97
29) Cyclohexane	7.959	56	23564	4.714	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	29038	5.117	ug/L	98
31) Carbon tetrachloride	8.075	117	25943	5.031	ug/L	99
33) Benzene	8.325	78	73364	5.114	ug/L	100
34) Trichloroethene	9.093	95	19605	5.063	ug/L	95
35) Methylcyclohexane	9.337	83	29919	5.012	ug/L	99
37) 1,2-Dichloropropane	9.368	63	19746	5.079	ug/L	99
38) Bromodichloromethane	9.648	83	23994	4.901	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	25790	4.534	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	16780	8.447	ug/L	99
42) Toluene	10.386	91	76354	5.016	ug/L	89
44) trans-1,3-Dichloropropene	10.605	75	21473	4.488	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	13807	4.880	ug/L	95
46) Tetrachloroethene	10.861	164	14227	4.979	ug/L	87
48) 2-Hexanone	10.971	43	12485	8.172	ug/L	98
49) Dibromochloromethane	11.130	129	14706	4.776	ug/L	96
50) 1,2-Dibromoethane	11.239	107	12531	4.804	ug/L	91
51) Chlorobenzene	11.660	112	48486	4.932	ug/L	93
52) Ethylbenzene	11.727	91	83033	4.766	ug/L	97
53) m,p-Xylene	11.837	106	31380	4.881	ug/L	92
54) o-Xylene	12.166	106	28466	4.706	ug/L	91
55) Styrene	12.178	104	50405	4.804	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	15659	4.637	ug/L #	97
59) Bromoform	12.343	173	8452	4.836	ug/L	100
60) Isopropylbenzene	12.465	105	79924	4.915	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	11306	4.921	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	48388	4.060	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	58990	4.761	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	37434	5.195	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	37857	5.085	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	33134	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	2405	4.800	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	25369	5.044	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	18760	4.604	ug/L	93
71) Naphthalene	15.360	128	31149	4.210	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	17141	4.797	ug/L	95

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

