

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024633.D
 Acq On : 26 Sep 2022 10:19
 Operator : SY/VA
 Sample : VSTD00548
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

Quant Time: Sep 27 00:49:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	637420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	562607	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	270181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	21999	3.299	ug/L	0.00
7) Chloroethane-d5	2.891	69	19055	4.917	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	75780	4.909	ug/L	0.00
21) 2-Butanone-d5	7.092	46	25334	10.641	ug/L	0.01
24) Chloroform-d	7.653	84	86583	5.081	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	45097	5.102	ug/L	0.00
32) Benzene-d6	8.275	84	186649	5.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	55671	5.067	ug/L	0.00
41) Toluene-d8	10.323	98	170657	5.310	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	25499	5.211	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	18172	9.667	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40666	5.195	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	49615	5.219	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	17268	4.565	ug/L	97
3) Chloromethane	2.215	50	33629	4.413	ug/L	100
5) Vinyl chloride	2.367	62	25623	3.270	ug/L	97
6) Bromomethane	2.776	94	16899	4.673	ug/L	99
8) Chloroethane	2.922	64	15711	4.756	ug/L	96
9) Trichlorofluoromethane	3.263	101	22472	5.126	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	39400	4.712	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	38253	4.565	ug/L	96
13) Acetone	4.135	43	18755	10.690	ug/L	100
14) Carbon disulfide	4.385	76	104668	3.976	ug/L	99
15) Methyl Acetate	4.684	43	18992	4.824	ug/L	92
16) Methylene chloride	4.922	84	70101	5.600	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	47341	5.061	ug/L	91
18) Methyl tert-butyl Ether	5.434	73	73702	4.966	ug/L	98
19) 1,1-Dichloroethane	6.220	63	87549	4.995	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	49822	4.957	ug/L #	94
22) 2-Butanone	7.177	43	31266	11.164	ug/L	94
23) Bromochloromethane	7.513	128	19904	4.872	ug/L	92
25) Chloroform	7.683	83	82440	4.960	ug/L	97
27) 1,2-Dichloroethane	8.403	62	52959	5.063	ug/L	99
29) Cyclohexane	7.958	56	86436	4.930	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	68776	5.052	ug/L	100
31) Carbon tetrachloride	8.073	117	58216	5.050	ug/L	98
33) Benzene	8.323	78	199368	5.063	ug/L	100
34) Trichloroethene	9.091	95	49762	4.986	ug/L	96
35) Methylcyclohexane	9.335	83	94165	5.147	ug/L	99
37) 1,2-Dichloropropane	9.366	63	47482	4.884	ug/L	99
38) Bromodichloromethane	9.646	83	58493	4.892	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	76163	4.954	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	55901	9.715	ug/L	100
42) Toluene	10.384	91	204214	5.022	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	63521	4.820	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	32965	4.965	ug/L	96
46) Tetrachloroethene	10.859	164	33667	4.965	ug/L	88
48) 2-Hexanone	10.969	43	36648	9.419	ug/L	98
49) Dibromochloromethane	11.128	129	36249	4.848	ug/L	87
50) 1,2-Dibromoethane	11.237	107	31141	4.955	ug/L #	95
51) Chlorobenzene	11.658	112	121285	4.871	ug/L	98
52) Ethylbenzene	11.725	91	226007	5.046	ug/L	96
53) m,p-Xylene	11.835	106	88749	5.074	ug/L	90
54) o-Xylene	12.164	106	83733	5.070	ug/L	97
55) Styrene	12.176	104	138261	4.966	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	38167	4.909	ug/L	97
59) Bromoform	12.347	173	19135	5.010	ug/L	97
60) Isopropylbenzene	12.463	105	223273	5.070	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	28598	4.914	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	192733	5.036	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	191276	5.101	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	86675	4.845	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	88945	5.107	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	80134	5.143	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6829	4.962	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	60226	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	50077	5.018	ug/L	98
71) Naphthalene	15.359	128	104063	4.789	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	42606	5.017	ug/L	95

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

