

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024523.D
 Acq On : 02 Sep 2022 09:59
 Operator : SY/VA
 Sample : VSTD00526
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005426

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/05/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 02 23:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	322134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305356	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32165	5.003	ug/L	0.00
7) Chloroethane-d5	2.873	69	23060	4.817	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	38194m	5.044	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10507	10.227	ug/L	0.01
24) Chloroform-d	7.647	84	44225	5.156	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	24794	5.352	ug/L	0.00
32) Benzene-d6	8.275	84	80912	5.080	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	24868	5.336	ug/L	0.00
41) Toluene-d8	10.317	98	77587	5.115	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10292	5.062	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8282	10.374	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23704	5.594	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	27670	5.324	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	4187m	4.760	ug/L	
3) Chloromethane	2.215	50	24055	5.363	ug/L	97
5) Vinyl chloride	2.355	62	44822	5.651	ug/L	97
6) Bromomethane	2.769	94	30739	5.692	ug/L	95
8) Chloroethane	2.910	64	22363	5.311	ug/L	100
9) Trichlorofluoromethane	3.239	101	21479	7.150	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	23955	5.318	ug/L #	81
12) 1,1-Dichloroethene	4.031	96	21505	5.416	ug/L	86
13) Acetone	4.123	43	9267	11.745	ug/L	88
14) Carbon disulfide	4.373	76	61514	5.625	ug/L	100
15) Methyl Acetate	4.659	43	10695m	5.962	ug/L	
16) Methylene chloride	4.915	84	25069	5.497	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	23478	5.321	ug/L	95
18) Methyl tert-butyl Ether	5.415	73	38496m	5.037	ug/L	
19) 1,1-Dichloroethane	6.214	63	42837	5.361	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	24106m	5.019	ug/L	
22) 2-Butanone	7.171	43	13430	10.480	ug/L	94
23) Bromochloromethane	7.513	128	11445	5.136	ug/L	98
25) Chloroform	7.677	83	45122	5.144	ug/L	95
27) 1,2-Dichloroethane	8.397	62	31138	5.404	ug/L	97
29) Cyclohexane	7.951	56	32256	5.088	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	36219	5.244	ug/L	99
31) Carbon tetrachloride	8.061	117	32800	5.237	ug/L	98
33) Benzene	8.317	78	96929	5.338	ug/L	100
34) Trichloroethene	9.085	95	25449	5.280	ug/L	92
35) Methylcyclohexane	9.329	83	40082	5.255	ug/L	99
37) 1,2-Dichloropropane	9.366	63	22773	5.205	ug/L	99
38) Bromodichloromethane	9.640	83	32577	5.267	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	32142	4.879	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	27408	10.072	ug/L	98
42) Toluene	10.384	91	102491	5.183	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	29417	4.978	ug/L	94

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

45) 1,1,2-Trichloroethane	10.780	97	19829	5.428	ug/L	93
46) Tetrachloroethene	10.860	164	18833	5.347	ug/L	93
48) 2-Hexanone	10.969	43	16945	9.557	ug/L	96
49) Dibromochloromethane	11.128	129	21379	4.980	ug/L	96
50) 1,2-Dibromoethane	11.237	107	18506	5.349	ug/L #	95
51) Chlorobenzene	11.658	112	70666	5.266	ug/L	96
52) Ethylbenzene	11.725	91	112725	5.093	ug/L	99
53) m,p-Xylene	11.841	106	44332	5.122	ug/L	90
54) o-Xylene	12.164	106	40910	4.937	ug/L	93
55) Styrene	12.176	104	70438	4.894	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	24101	5.331	ug/L	93
59) Bromoform	12.347	173	11349	4.920	ug/L #	97
60) Isopropylbenzene	12.463	105	109452	4.873	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	17296	5.393	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	86558	4.672	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	86053	4.746	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	50553	5.053	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	53041	5.175	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	47128	5.103	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.475	75	4018	5.535	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	29767	4.628	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	22745	4.625	ug/L	95
71) Naphthalene	15.359	128	44028	4.234	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	20275	4.571	ug/L	96

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

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