

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024621.D
 Acq On : 21 Sep 2022 16:05
 Operator : SY/VA
 Sample : VSTD00544
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:36:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:32:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	386092	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	361500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46187	5.243	ug/L	0.00
7) Chloroethane-d5	2.873	69	40103	5.403	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	52336	5.357	ug/L	0.00
21) 2-Butanone-d5	7.086	46	12061m	10.197	ug/L	0.00
24) Chloroform-d	7.647	84	58759	5.351	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	30690	5.166	ug/L	0.00
32) Benzene-d6	8.268	84	109951	5.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	32217	5.541	ug/L	0.00
41) Toluene-d8	10.323	98	105523	5.351	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	13463	5.185	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8755	9.428	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26941	5.313	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	33981	5.164	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	7949	4.531	ug/L	92
3) Chloromethane	2.209	50	34610	5.033	ug/L	98
5) Vinyl chloride	2.355	62	49531	5.110	ug/L	98
6) Bromomethane	2.769	94	48954	5.687	ug/L	96
8) Chloroethane	2.910	64	32182	5.375	ug/L	96
9) Trichlorofluoromethane	3.245	101	21202	5.592	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	28475m	5.197	ug/L	
12) 1,1-Dichloroethene	4.031	96	23965	4.948	ug/L	93
13) Acetone	4.141	43	11824	13.280	ug/L	77
14) Carbon disulfide	4.373	76	77150	5.112	ug/L	96
15) Methyl Acetate	4.678	43	10694m	4.973	ug/L	
16) Methylene chloride	4.915	84	35202	5.394	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	27868	5.339	ug/L	90
18) Methyl tert-butyl Ether	5.421	73	40264	4.599	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	45939	4.967	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	27692	4.843	ug/L #	89
22) 2-Butanone	7.183	43	12495	9.177	ug/L	82
23) Bromochloromethane	7.506	128	13574	4.997	ug/L	92
25) Chloroform	7.671	83	50923	4.998	ug/L	91
27) 1,2-Dichloroethane	8.397	62	33361m	4.937	ug/L	
29) Cyclohexane	7.951	56	38688	4.789	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	43490	5.179	ug/L	98
31) Carbon tetrachloride	8.067	117	41393	5.181	ug/L	99
33) Benzene	8.323	78	109312	5.076	ug/L	100
34) Trichloroethene	9.092	95	29453	5.047	ug/L	98
35) Methylcyclohexane	9.329	83	45961	4.720	ug/L	95
37) 1,2-Dichloropropane	9.366	63	25873	5.116	ug/L #	97
38) Bromodichloromethane	9.646	83	35593	4.946	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	38248	4.849	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	26231	9.030	ug/L	97
42) Toluene	10.384	91	120480	4.984	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	32384	4.622	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	20630	4.901	ug/L	94
46) Tetrachloroethene	10.860	164	22450	4.889	ug/L	89
48) 2-Hexanone	10.969	43	17919	8.990	ug/L	98
49) Dibromochloromethane	11.128	129	23846	4.687	ug/L	94
50) 1,2-Dibromoethane	11.231	107	20111	4.897	ug/L	99
51) Chlorobenzene	11.652	112	80559	5.053	ug/L	95
52) Ethylbenzene	11.725	91	129587	4.880	ug/L	99
53) m,p-Xylene	11.841	106	50543	4.793	ug/L	98
54) o-Xylene	12.164	106	47035	4.755	ug/L	93
55) Styrene	12.176	104	79819	4.691	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	25539	5.072	ug/L	94
59) Bromoform	12.347	173	11723	4.367	ug/L #	97
60) Isopropylbenzene	12.463	105	127464	4.942	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	17427	5.083	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	98555	4.703	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	99514	4.746	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	57941	4.981	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	61241	5.118	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	54208	5.047	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4198	5.259	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	38229	5.000	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	28078	4.590	ug/L	93
71) Naphthalene	15.359	128	53226	4.352	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	27020	4.861	ug/L	98

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

