

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024632.D
 Acq On : 26 Sep 2022 09:55
 Operator : SY/VA
 Sample : VSTD2.547
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5447

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 00:49:10 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	681125	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	605934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	287573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	5907	0.829	ug/L	0.00
7) Chloroethane-d5	2.891	69	12565m	3.034	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	36278	2.199	ug/L	0.00
21) 2-Butanone-d5	7.098	46	14274	5.611	ug/L	0.02
24) Chloroform-d	7.653	84	44700	2.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	24265	2.569	ug/L	0.00
32) Benzene-d6	8.281	84	94723	2.446	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	28825	2.436	ug/L	0.00
41) Toluene-d8	10.323	98	86404	2.496	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	13450	2.552	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9795	4.838	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21861	2.593	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26583	2.627	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	11875	2.938	ug/L	89
3) Chloromethane	2.221	50	17098	2.100	ug/L	93
6) Bromomethane	2.788	94	10109	2.616	ug/L	99
8) Chloroethane	2.934	64	9722	2.754	ug/L	95
9) Trichlorofluoromethane	3.269	101	11465	2.448	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	21188	2.372	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	18868	2.107	ug/L	91
13) Acetone	4.141	43	13346	7.119	ug/L	78
14) Carbon disulfide	4.391	76	53788	1.912	ug/L	99
15) Methyl Acetate	4.684	43	12032m	2.860	ug/L	
17) trans-1,2-Dichloroethene	5.434	96	25073	2.508	ug/L	90
18) Methyl tert-butyl Ether	5.440	73	39895	2.515	ug/L #	84
19) 1,1-Dichloroethane	6.220	63	45366	2.422	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	25987	2.420	ug/L #	99
22) 2-Butanone	7.183	43	20930	6.994	ug/L	76
23) Bromochloromethane	7.525	128	10345	2.369	ug/L	97
25) Chloroform	7.677	83	43143	2.429	ug/L	94
27) 1,2-Dichloroethane	8.403	62	27877	2.494	ug/L	99
29) Cyclohexane	7.958	56	44895	2.377	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	36133	2.464	ug/L	98
31) Carbon tetrachloride	8.067	117	30358	2.445	ug/L	100
33) Benzene	8.323	78	105291	2.483	ug/L	100
34) Trichloroethene	9.092	95	26545	2.469	ug/L	95
35) Methylcyclohexane	9.335	83	47112	2.391	ug/L	98
37) 1,2-Dichloropropane	9.366	63	25509	2.436	ug/L	99
38) Bromodichloromethane	9.646	83	32187	2.499	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	39774	2.402	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	30447	4.913	ug/L	99
42) Toluene	10.390	91	106583	2.434	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	33165	2.336	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	17353	2.426	ug/L	96
46) Tetrachloroethene	10.860	164	17551	2.403	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	10.969	43	20860	4.978	ug/L	98
49) Dibromochloromethane	11.128	129	19611	2.435	ug/L	95
50) 1,2-Dibromoethane	11.231	107	16577	2.449	ug/L #	99
51) Chlorobenzene	11.658	112	64071	2.389	ug/L	99
52) Ethylbenzene	11.731	91	118086	2.448	ug/L	99
53) m,p-Xylene	11.835	106	46638	2.476	ug/L	95
54) o-Xylene	12.164	106	43385	2.439	ug/L	97
55) Styrene	12.176	104	72504	2.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	21173	2.529	ug/L	96
59) Bromoform	12.347	173	10191	2.507	ug/L	99
60) Isopropylbenzene	12.463	105	114695	2.447	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	15456	2.495	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	102715	2.521	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	100319	2.514	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	48009	2.521	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	46667	2.518	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	43408	2.617	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.475	75	3785	2.584	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	30350	2.401	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	26327	2.479	ug/L	97
71) Naphthalene	15.359	128	56720	2.453	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22478	2.487	ug/L	99

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

