

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024616.D
 Acq On : 21 Sep 2022 13:11
 Operator : SY/VA
 Sample : VSTD2.539
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5439

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 01:33:37 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	389836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	365420	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177130	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	21765	2.447	ug/L	0.00
7) Chloroethane-d5	2.873	69	20473	2.732	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	23689	2.401	ug/L	0.00
21) 2-Butanone-d5	7.086	46	5350	4.480	ug/L	0.00
24) Chloroform-d	7.653	84	28761	2.594	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	16399	2.734	ug/L	0.00
32) Benzene-d6	8.269	84	54003	2.636	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	14999	2.552	ug/L	0.00
41) Toluene-d8	10.323	98	48428	2.430	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5855	2.231	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	3932	4.189	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	12808	2.499	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16285	2.568	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	3190	1.801	ug/L #	87
3) Chloromethane	2.209	50	16298	2.347	ug/L	96
5) Vinyl chloride	2.355	62	24601	2.514	ug/L	95
6) Bromomethane	2.770	94	22400	2.577	ug/L	94
8) Chloroethane	2.910	64	15815	2.616	ug/L	94
9) Trichlorofluoromethane	3.251	101	9910m	2.589	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	13254	2.396	ug/L #	74
12) 1,1-Dichloroethene	4.032	96	12566	2.570	ug/L	89
13) Acetone	4.160	43	6429m	7.152	ug/L	
14) Carbon disulfide	4.379	76	36914	2.423	ug/L	95
15) Methyl Acetate	4.678	43	5368m	2.472	ug/L	
16) Methylene chloride	4.916	84	32143	4.878	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	13352	2.533	ug/L #	88
18) Methyl tert-butyl Ether	5.422	73	20804	2.353	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	23967	2.566	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	14103	2.443	ug/L #	93
22) 2-Butanone	7.177	43	8139m	5.920	ug/L	
23) Bromochloromethane	7.507	128	6839	2.494	ug/L	94
25) Chloroform	7.671	83	25449	2.474	ug/L	87
27) 1,2-Dichloroethane	8.403	62	17055	2.500	ug/L	95
29) Cyclohexane	7.958	56	18734	2.294	ug/L #	87
30) 1,1,1-Trichloroethane	7.866	97	21359	2.516	ug/L	96
31) Carbon tetrachloride	8.061	117	20377	2.523	ug/L	97
33) Benzene	8.323	78	56270	2.585	ug/L	100
34) Trichloroethene	9.092	95	15152	2.569	ug/L	90
35) Methylcyclohexane	9.336	83	22431	2.279	ug/L	93
37) 1,2-Dichloropropane	9.366	63	12492	2.443	ug/L #	91
38) Bromodichloromethane	9.646	83	17037	2.342	ug/L	89
39) cis-1,3-Dichloropropene	10.067	75	17161	2.152	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	12567	4.280	ug/L	94
42) Toluene	10.384	91	55845	2.285	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	15417	2.177	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	10837	2.547	ug/L	93
46) Tetrachloroethene	10.860	164	10871	2.342	ug/L	95
48) 2-Hexanone	10.969	43	7731	3.837	ug/L	94
49) Dibromochloromethane	11.128	129	11656	2.266	ug/L	99
50) 1,2-Dibromoethane	11.232	107	9794	2.359	ug/L #	98
51) Chlorobenzene	11.652	112	40986	2.543	ug/L	94
52) Ethylbenzene	11.731	91	60931	2.270	ug/L	95
53) m,p-Xylene	11.841	106	22702	2.130	ug/L	96
54) o-Xylene	12.164	106	20839	2.084	ug/L	92
55) Styrene	12.176	104	36039	2.095	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	11878	2.334	ug/L	95
59) Bromoform	12.347	173	5281	2.041	ug/L	94
60) Isopropylbenzene	12.457	105	56737	2.282	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	7933	2.401	ug/L	90
62) 1,3,5-Trimethylbenzene	12.939	105	45141	2.235	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	43770	2.166	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	28344	2.528	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	30237	2.622	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	26077	2.519	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	2031	2.640	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	17199	2.334	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	13091	2.220	ug/L	91
71) Naphthalene	15.359	128	22230	1.886	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	12324	2.300	ug/L	97

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

