

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021059.D
 Acq On : 03 Dec 2021 12:08
 Operator : SY/VA
 Sample : VSTD00526
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005426

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

12/05/2021
 Supervised By :Amit
 Patel

Quant Time: Dec 03 18:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105717	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55071	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	7231	5.006	ug/L	0.00
7) Chloroethane-d5	2.879	69	4586	4.660	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	11909	5.154	ug/L	0.00
21) 2-Butanone-d5	7.080	46	3484	10.479	ug/L	0.00
24) Chloroform-d	7.653	84	14043	5.379	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	7773	5.559	ug/L	0.00
32) Benzene-d6	8.275	84	27630	5.656	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	7570	5.592	ug/L	0.00
41) Toluene-d8	10.323	98	28055	5.641	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	3100	4.981	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2717	10.487	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	6325	5.072	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	10511	5.441	ug/L	0.00

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.014	85	1878	3.547	ug/L	98
3) Chloromethane	2.215	50	5501	4.836	ug/L	89
5) Vinyl chloride	2.355	62	9716	4.930	ug/L	99
6) Bromomethane	2.776	94	6946	5.174	ug/L	99
8) Chloroethane	2.916	64	3816	4.537	ug/L	91
9) Trichlorofluoromethane	3.257	101	4937	5.117	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	7831	5.308	ug/L	92
12) 1,1-Dichloroethene	4.038	96	7068	5.141	ug/L	74
13) Acetone	4.129	43	3290	10.769	ug/L	97
14) Carbon disulfide	4.379	76	17058	4.580	ug/L	98
15) Methyl Acetate	4.672	43	2782	5.167	ug/L	92
16) Methylene chloride	4.916	84	9443	5.836	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	7340	5.075	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	11577	5.350	ug/L	# 75
19) 1,1-Dichloroethane	6.220	63	11798	5.157	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	7885	5.180	ug/L	78
22) 2-Butanone	7.177	43	4260	10.041	ug/L	95
23) Bromochloromethane	7.513	128	3679	5.180	ug/L	# 58
25) Chloroform	7.677	83	13146	5.162	ug/L	93
27) 1,2-Dichloroethane	8.397	62	8705	5.194	ug/L	# 94
29) Cyclohexane	7.958	56	11035	5.162	ug/L	# 69
30) 1,1,1-Trichloroethane	7.872	97	11925	5.239	ug/L	94
31) Carbon tetrachloride	8.067	117	10636	5.089	ug/L	98
33) Benzene	8.323	78	29201	5.299	ug/L	100
34) Trichloroethene	9.092	95	7931	5.200	ug/L	88
35) Methylcyclohexane	9.335	83	13375	5.204	ug/L	86
37) 1,2-Dichloropropane	9.366	63	6385	5.148	ug/L	98
38) Bromodichloromethane	9.640	83	8695	4.989	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	9877	4.930	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	8331	9.978	ug/L	# 92
42) Toluene	10.390	91	32131	5.154	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	8460	4.702	ug/L	98

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

45) 1,1,2-Trichloroethane	10.786	97	5293	5.039	ug/L	92
46) Tetrachloroethene	10.860	164	7524	5.347	ug/L	94
48) 2-Hexanone	10.969	43	5631	9.359	ug/L #	92
49) Dibromochloromethane	11.128	129	6228	4.857	ug/L	95
50) 1,2-Dibromoethane	11.238	107	5452	5.175	ug/L #	93
51) Chlorobenzene	11.658	112	21574	5.140	ug/L	90
52) Ethylbenzene	11.731	91	35521	5.030	ug/L	98
53) m,p-Xylene	11.835	106	14455	4.927	ug/L	89
54) o-Xylene	12.164	106	13242	4.855	ug/L	87
55) Styrene	12.176	104	21952	4.682	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	6081	4.890	ug/L #	95
59) Bromoform	12.347	173	3343	4.314	ug/L #	97
60) Isopropylbenzene	12.463	105	36403	4.814	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	4384	4.832	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.938	105	30977	4.887	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	30853	4.830	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	18201	5.101	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	18095	5.082	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	16163	5.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	898m	4.521	ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	13678	5.255	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	10577	4.976	ug/L	99
71) Naphthalene	15.365	128	18857	4.722	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	9139	4.871	ug/L	97

12/06/2021

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

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