

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024145.D
 Acq On : 03 Aug 2022 08:48
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5401

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2022
 Supervised By :Semsettin Yesilyurt 08/05/2022

Quant Time: Aug 04 00:44:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 00:42:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	331740	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	312325	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	17706	3.152	ug/L	0.00
7) Chloroethane-d5	2.873	69	9003	2.511	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	20696	2.938	ug/L	0.00
21) 2-Butanone-d5	7.080	46	5688	4.782	ug/L	0.00
24) Chloroform-d	7.641	84	26933	2.874	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	14946	2.943	ug/L	0.00
32) Benzene-d6	8.269	84	48741	2.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	13904	2.847	ug/L	0.00
41) Toluene-d8	10.323	98	42554	2.749	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	6123	2.687	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4059	4.359	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	13138	2.667	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	15497	2.731	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	6684	2.477	ug/L	89
3) Chloromethane	2.215	50	12250	2.314	ug/L	98
5) Vinyl chloride	2.355	62	20649	2.561	ug/L	91
6) Bromomethane	2.770	94	13104	2.759	ug/L	94
8) Chloroethane	2.904	64	7041	2.036	ug/L	86
9) Trichlorofluoromethane	3.245	101	13174	2.868	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	13445	2.593	ug/L #	89
12) 1,1-Dichloroethene	4.026	96	11070	2.529	ug/L	98
13) Acetone	4.111	43	7302m	7.851	ug/L	
14) Carbon disulfide	4.367	76	38394	2.708	ug/L	99
15) Methyl Acetate	4.660	43	5769m	2.850	ug/L	
16) Methylene chloride	4.897	84	26080m	4.007	ug/L	
17) trans-1,2-Dichloroethene	5.416	96	12041m	2.445	ug/L	
18) Methyl tert-butyl Ether	5.422	73	14978	2.231	ug/L #	87
19) 1,1-Dichloroethane	6.208	63	21536	2.585	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	12139	2.332	ug/L #	86
22) 2-Butanone	7.177	43	9574m	6.436	ug/L	
23) Bromochloromethane	7.507	128	6737	2.571	ug/L	91
25) Chloroform	7.671	83	23360	2.518	ug/L	93
27) 1,2-Dichloroethane	8.403	62	16437	2.687	ug/L	98
29) Cyclohexane	7.946	56	14388	2.175	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	19973	2.615	ug/L	98
31) Carbon tetrachloride	8.061	117	18528	2.588	ug/L	95
33) Benzene	8.317	78	51216	2.640	ug/L	100
34) Trichloroethene	9.086	95	14007	2.698	ug/L	91
35) Methylcyclohexane	9.336	83	18168	2.215	ug/L	94
37) 1,2-Dichloropropane	9.366	63	12177	2.638	ug/L #	93
38) Bromodichloromethane	9.640	83	17255	2.616	ug/L #	95
39) cis-1,3-Dichloropropene	10.067	75	15954	2.285	ug/L	90
40) 4-Methyl-2-pentanone	10.207	43	14496	5.014	ug/L	94
42) Toluene	10.384	91	48219	2.328	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	14987	2.346	ug/L	95

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45) 1,1,2-Trichloroethane	10.780	97	10322	2.616	ug/L	93
46) Tetrachloroethene	10.860	164	11676	2.669	ug/L	89
48) 2-Hexanone	10.963	43	9428	4.731	ug/L	94
49) Dibromochloromethane	11.122	129	11620	2.416	ug/L	84
50) 1,2-Dibromoethane	11.232	107	10286	2.657	ug/L	83
51) Chlorobenzene	11.652	112	37950	2.649	ug/L	93
52) Ethylbenzene	11.725	91	50925	2.244	ug/L	97
53) m,p-Xylene	11.835	106	18194	2.088	ug/L	99
54) o-Xylene	12.164	106	17122	2.055	ug/L	99
55) Styrene	12.177	104	28690	1.983	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	12669	2.639	ug/L	97
59) Bromoform	12.347	173	6173	2.460	ug/L	95
60) Isopropylbenzene	12.463	105	43497	2.141	ug/L #	96
61) 1,2,3-Trichloropropane	12.762	75	9309	2.901	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	32137	1.932	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	31642	1.928	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	25638	2.500	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	28363	2.666	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	23762	2.540	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	2064	2.899	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	15523	2.278	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	11468	2.184	ug/L	95
71) Naphthalene	15.359	128	18389	1.817	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.548	180	11092	2.298	ug/L	97

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

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