

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023541.D
 Acq On : 30 Jun 2022 12:07
 Operator : SY/VA
 Sample : VSTD00539
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005439

Quant Time: Jul 01 05:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 07/01/2022

Supervised By :Mahesh
 Dadoda
 07/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	345626	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21234	4.301	ug/L	0.00
7) Chloroethane-d5	2.879	69	13714	4.036	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	29281	4.787	ug/L	0.00
21) 2-Butanone-d5	7.080	46	12411	9.670	ug/L	0.00
24) Chloroform-d	7.647	84	48246	5.114	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26663	5.117	ug/L	0.00
32) Benzene-d6	8.275	84	89159	5.159	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	26244	5.136	ug/L	0.00
41) Toluene-d8	10.323	98	80441	4.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	11451	5.059	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9078	9.366	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25188	5.134	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	29354	5.021	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4569	3.201	ug/L	95
3) Chloromethane	2.215	50	19010	4.598	ug/L	96
5) Vinyl chloride	2.355	62	23352	4.194	ug/L	92
6) Bromomethane	2.770	94	17535	4.775	ug/L	92
8) Chloroethane	2.916	64	10724	4.119	ug/L	88
9) Trichlorofluoromethane	3.239	101	14570	5.649	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	21183	5.073	ug/L	92
12) 1,1-Dichloroethene	4.031	96	16127	4.633	ug/L	87
13) Acetone	4.129	43	11534m	14.113	ug/L	
14) Carbon disulfide	4.379	76	38723	4.133	ug/L	98
15) Methyl Acetate	4.678	43	8759	4.361	ug/L	91
16) Methylene chloride	4.915	84	28090	5.697	ug/L	86
17) trans-1,2-Dichloroethene	5.415	96	21401	4.882	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	31111	4.840	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	40635	5.256	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	23837	4.989	ug/L	91
22) 2-Butanone	7.171	43	15990	11.468	ug/L	91
23) Bromochloromethane	7.519	128	12406	5.247	ug/L	87
25) Chloroform	7.677	83	45573	5.281	ug/L	97
27) 1,2-Dichloroethane	8.403	62	29672	5.198	ug/L	99
29) Cyclohexane	7.952	56	27962	4.629	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	37052	5.344	ug/L	99
31) Carbon tetrachloride	8.067	117	33125	5.285	ug/L	99
33) Benzene	8.323	78	92832	5.162	ug/L	100
34) Trichloroethene	9.092	95	24707	5.128	ug/L	94
35) Methylcyclohexane	9.329	83	34459	4.545	ug/L	90
37) 1,2-Dichloropropane	9.366	63	22665	5.210	ug/L #	95
38) Bromodichloromethane	9.646	83	32901	5.283	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	32786	4.867	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	29165	10.230	ug/L	95
42) Toluene	10.390	91	100198	5.037	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	30525	4.903	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18878	5.104	ug/L	95
46) Tetrachloroethene	10.860	164	19799	5.109	ug/L	96
48) 2-Hexanone	10.969	43	18955	9.680	ug/L	96
49) Dibromochloromethane	11.128	129	21957	4.858	ug/L	94
50) 1,2-Dibromoethane	11.238	107	19270	5.229	ug/L	93
51) Chlorobenzene	11.658	112	70211	5.158	ug/L	98
52) Ethylbenzene	11.731	91	111143	5.009	ug/L	99
53) m,p-Xylene	11.841	106	42714	4.897	ug/L	98
54) o-Xylene	12.164	106	38348	4.654	ug/L	97
55) Styrene	12.182	104	69276	4.811	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	25028	5.261	ug/L	98
59) Bromoform	12.347	173	11518	4.843	ug/L	93
60) Isopropylbenzene	12.463	105	108410	5.127	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	18248	5.652	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	86765	4.939	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	88568	5.024	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	55462	5.457	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	54176	5.256	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	48867	5.306	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3911	5.297	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	36752	5.416	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	29714	5.427	ug/L	97
71) Naphthalene	15.359	128	54704	4.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	25661	5.135	ug/L	99

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

