

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024146.D
 Acq On : 03 Aug 2022 09:37
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005402

Quant Time: Aug 04 00:44:37 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2022
 Supervised By :Semsettin Yesilyurt 08/05/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	313602	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	305089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166858	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	31931	6.012	ug/L	0.00
7) Chloroethane-d5	2.873	69	18692	5.514	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	38637	5.801	ug/L	0.00
21) 2-Butanone-d5	7.085	46	11331m	10.077	ug/L	0.00
24) Chloroform-d	7.646	84	50837	5.738	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	27231	5.672	ug/L	0.00
32) Benzene-d6	8.268	84	92608	5.732	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	26419	5.537	ug/L	0.00
41) Toluene-d8	10.323	98	84158	5.565	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	11467	5.151	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	7800	8.576	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24761	5.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.852	152	30087	5.083	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	9307	3.648	ug/L	99
3) Chloromethane	2.208	50	26019	5.200	ug/L	95
5) Vinyl chloride	2.348	62	41438	5.437	ug/L	97
6) Bromomethane	2.763	94	25032	5.576	ug/L	99
8) Chloroethane	2.909	64	16435	5.028	ug/L	98
9) Trichlorofluoromethane	3.245	101	23877	5.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.049	101	26697	5.447	ug/L #	79
12) 1,1-Dichloroethene	4.025	96	21169	5.116	ug/L	93
13) Acetone	4.123	43	7846	8.924	ug/L	92
14) Carbon disulfide	4.379	76	68035	5.076	ug/L	97
15) Methyl Acetate	4.671	43	9446m	4.936	ug/L	
16) Methylene chloride	4.915	84	35401	5.754	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	24431	5.247	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	28908	4.556	ug/L	95
19) 1,1-Dichloroethane	6.214	63	42040	5.339	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	25159	5.113	ug/L	99
22) 2-Butanone	7.171	43	12612	8.968	ug/L	79
23) Bromochloromethane	7.506	128	12565	5.073	ug/L	92
25) Chloroform	7.677	83	47034	5.363	ug/L	95
27) 1,2-Dichloroethane	8.396	62	29547	5.109	ug/L	96
29) Cyclohexane	7.951	56	29129	4.507	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	39514	5.296	ug/L	97
31) Carbon tetrachloride	8.067	117	35551	5.084	ug/L	95
33) Benzene	8.323	78	100630	5.311	ug/L	100
34) Trichloroethene	9.091	95	26171	5.160	ug/L	94
35) Methylcyclohexane	9.335	83	38624	4.820	ug/L	97
37) 1,2-Dichloropropane	9.366	63	23177	5.140	ug/L #	92
38) Bromodichloromethane	9.646	83	33078	5.134	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	31598	4.633	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	23655	8.376	ug/L	96
42) Toluene	10.384	91	101399	5.011	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	28135	4.509	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	19531	5.068	ug/L	96
46) Tetrachloroethene	10.859	164	21439	5.016	ug/L	91
48) 2-Hexanone	10.969	43	15466	7.944	ug/L	98
49) Dibromochloromethane	11.127	129	22281	4.743	ug/L	99
50) 1,2-Dibromoethane	11.237	107	17850	4.721	ug/L	99
51) Chlorobenzene	11.658	112	71692	5.124	ug/L	97
52) Ethylbenzene	11.725	91	107230	4.836	ug/L	96
53) m,p-Xylene	11.835	106	39669	4.660	ug/L	100
54) o-Xylene	12.164	106	36952	4.539	ug/L	98
55) Styrene	12.176	104	65847	4.660	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.712	83	21468	4.578	ug/L #	86
59) Bromoform	12.347	173	11985	4.578	ug/L	97
60) Isopropylbenzene	12.463	105	102265	4.826	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	16510	4.933	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	78867	4.545	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	76413	4.464	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	53704	5.021	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	56453	5.087	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	48204	4.941	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	3419	4.604	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	35377	4.978	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	23815	4.348	ug/L	95
71) Naphthalene	15.358	128	40183	3.807	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	21976	4.364	ug/L	98

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

