

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024864.D
 Acq On : 12 Oct 2022 10:52
 Operator : SY/VA
 Sample : VSTD00556
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005456

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/13/2022
 Supervised By : Mahesh Dadoda 10/13/2022

Quant Time: Oct 12 22:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	432243	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	392616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	190060	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27442	5.381	ug/L	0.00
7) Chloroethane-d5	2.879	69	15293	5.122	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	56709	5.115	ug/L	0.00
21) 2-Butanone-d5	7.086	46	17860	11.054	ug/L	0.01
24) Chloroform-d	7.647	84	65868	5.403	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	34951	5.478	ug/L	0.00
32) Benzene-d6	8.275	84	131612	5.346	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	40055	5.304	ug/L	0.00
41) Toluene-d8	10.323	98	119918	5.427	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	14599	5.098	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	13046	10.305	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31890	5.415	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	36420	5.244	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7426m	3.783	ug/L	
3) Chloromethane	2.215	50	19443	4.317	ug/L	98
5) Vinyl chloride	2.361	62	28113	4.575	ug/L	96
6) Bromomethane	2.770	94	13662	4.578	ug/L	98
8) Chloroethane	2.916	64	11635	4.544	ug/L	99
9) Trichlorofluoromethane	3.251	101	13661	4.494	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	30018	4.850	ug/L	97
12) 1,1-Dichloroethene	4.038	96	27538	4.703	ug/L	98
13) Acetone	4.123	43	11771	10.604	ug/L	90
14) Carbon disulfide	4.385	76	81261	4.248	ug/L	100
15) Methyl Acetate	4.672	43	13542	4.971	ug/L	98
16) Methylene chloride	4.915	84	36761	4.817	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	29800	4.675	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	45423	4.795	ug/L	100
19) 1,1-Dichloroethane	6.208	63	56644	4.803	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	32795	4.763	ug/L	96
22) 2-Butanone	7.177	43	20246	10.734	ug/L	95
23) Bromochloromethane	7.506	128	13137	4.662	ug/L	95
25) Chloroform	7.677	83	56743	4.902	ug/L	97
27) 1,2-Dichloroethane	8.403	62	36803	4.916	ug/L	95
29) Cyclohexane	7.958	56	53052	4.653	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	43557	4.824	ug/L	100
31) Carbon tetrachloride	8.067	117	37774	4.765	ug/L	98
33) Benzene	8.323	78	133193	4.987	ug/L	100
34) Trichloroethene	9.092	95	32853	4.884	ug/L	96
35) Methylcyclohexane	9.335	83	56748	4.688	ug/L	99
37) 1,2-Dichloropropane	9.366	63	32555	4.891	ug/L	99
38) Bromodichloromethane	9.646	83	40554	4.931	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	43365	4.507	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38374	9.753	ug/L	100
42) Toluene	10.384	91	132097	4.824	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	35858	4.489	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	22600	4.861	ug/L	91
46) Tetrachloroethene	10.860	164	21640	4.731	ug/L	91
48) 2-Hexanone	10.969	43	24826	9.307	ug/L	97
49) Dibromochloromethane	11.128	129	24113	4.685	ug/L	97
50) 1,2-Dibromoethane	11.231	107	21156	4.830	ug/L #	95
51) Chlorobenzene	11.652	112	83955	4.878	ug/L	99
52) Ethylbenzene	11.725	91	149473	4.874	ug/L	100
53) m,p-Xylene	11.841	106	56379	4.839	ug/L	91
54) o-Xylene	12.164	106	52502	4.733	ug/L	99
55) Styrene	12.176	104	89710	4.715	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	28651	5.051	ug/L	95
59) Bromoform	12.347	173	11822	4.649	ug/L #	97
60) Isopropylbenzene	12.463	105	145743	4.754	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	20372	4.875	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	123249	4.682	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	118389	4.665	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	58356	4.674	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	60672	4.801	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	52359	4.718	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	4138	4.574	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	37809	4.638	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	28986	4.382	ug/L	98
71) Naphthalene	15.365	128	61982	4.325	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	25854	4.580	ug/L	98

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

