

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022008.D
 Acq On : 01 Feb 2022 13:55
 Operator : SY/VA
 Sample : VSTD00551
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/02/2022
 Supervised By :Mahesh Dadoda 02/04/2022

Quant Time: Feb 02 00:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	167532	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	149387	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	10317	5.113	ug/L	0.00
7) Chloroethane-d5	2.885	69	7326	4.716	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	18092	5.074	ug/L	0.00
21) 2-Butanone-d5	7.092	46	3487m	9.841	ug/L	0.01
24) Chloroform-d	7.653	84	20248	5.195	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	10324	5.324	ug/L	0.00
32) Benzene-d6	8.281	84	39094	5.179	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	10991	5.353	ug/L	0.00
41) Toluene-d8	10.323	98	38598	5.159	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4326	4.810	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2595	8.692	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	8635	5.156	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	14377	5.238	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	1510m	3.807	ug/L	
3) Chloromethane	2.215	50	9111	5.175	ug/L	100
5) Vinyl chloride	2.361	62	13426	5.309	ug/L	97
6) Bromomethane	2.782	94	12040	5.599	ug/L	96
8) Chloroethane	2.922	64	6597	5.077	ug/L	97
9) Trichlorofluoromethane	3.263	101	10431	5.464	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	10755	5.317	ug/L	100
12) 1,1-Dichloroethene	4.038	96	9700	5.197	ug/L	94
13) Acetone	4.135	43	2800	8.341	ug/L	66
14) Carbon disulfide	4.385	76	26763	4.915	ug/L	98
15) Methyl Acetate	4.684	43	3060	5.006	ug/L #	71
16) Methylene chloride	4.916	84	10571	5.415	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	10748	5.164	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	13655	5.116	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	17021	5.278	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	10770	5.042	ug/L	97
22) 2-Butanone	7.183	43	3902m	9.026	ug/L	
23) Bromochloromethane	7.513	128	5623	5.346	ug/L	85
25) Chloroform	7.677	83	18956	5.193	ug/L	96
27) 1,2-Dichloroethane	8.403	62	10860	5.045	ug/L	95
29) Cyclohexane	7.958	56	14591	4.976	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	17384	5.258	ug/L	100
31) Carbon tetrachloride	8.067	117	16768	5.182	ug/L	99
33) Benzene	8.323	78	41562	5.306	ug/L	100
34) Trichloroethene	9.098	95	11833	5.314	ug/L	92
35) Methylcyclohexane	9.335	83	19174	5.104	ug/L	100
37) 1,2-Dichloropropane	9.372	63	8905	5.177	ug/L	99
38) Bromodichloromethane	9.646	83	12118	4.933	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	13422	4.865	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	7738	9.168	ug/L	99
42) Toluene	10.390	91	45183	5.089	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	11205	4.711	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	7713	5.275	ug/L	100
46) Tetrachloroethene	10.860	164	10944	5.272	ug/L	87
48) 2-Hexanone	10.969	43	5302	8.443	ug/L	98
49) Dibromochloromethane	11.128	129	8662	4.704	ug/L	87
50) 1,2-Dibromoethane	11.238	107	7249	5.007	ug/L #	98
51) Chlorobenzene	11.658	112	30983	5.128	ug/L	95
52) Ethylbenzene	11.731	91	49635	5.067	ug/L	98
53) m,p-Xylene	11.841	106	20900	5.142	ug/L	95
54) o-Xylene	12.164	106	18913	4.975	ug/L	94
55) Styrene	12.182	104	29865	4.863	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	8010	5.033	ug/L #	96
59) Bromoform	12.347	173	4803	4.780	ug/L #	93
60) Isopropylbenzene	12.463	105	51801	5.211	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	5977	5.392	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	33907	5.143	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	41230	5.133	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	25762	5.409	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	26185	5.492	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	22633	5.347	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1255	5.565	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	17238	5.034	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	13755	5.057	ug/L	97
71) Naphthalene	15.365	128	20153	4.541	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	11380	4.895	ug/L	96

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

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