

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021920\
 Data File : VV014607.D
 Acq On : 19 Feb 2020 15:24
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001702

Manual Integrations
 APPROVED

apatel
 2/25/2020 10:06:27 AM

Quant Time: Feb 20 01:58:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 20 01:51:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	252945	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	125486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	10030	0.64	ug/L	0.00
7) Chloroethane-d5	1.58	69	8102	0.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	18636	0.75	ug/L	0.00
20) 2-Butanone-d5	3.96	46	18032m	4.82	ug/L	0.03
24) Chloroform-d	4.39	84	19636	0.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	13387	0.80	ug/L	0.00
32) Benzene-d6	5.09	84	61303	0.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	16896	0.76	ug/L	0.00
41) Toluene-d8	7.35	98	60516	0.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	7088	0.77	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	23794	6.88	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	12541	0.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	20960	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	25900	1.171 ug/L	98
3) Chloromethane	1.25	50	11418	0.615 ug/L	100
5) Vinyl chloride	1.32	62	12004	0.690 ug/L	99
6) Bromomethane	1.53	94	7317	0.749 ug/L	97
8) Chloroethane	1.60	64	5995	0.663 ug/L	92
9) Trichlorofluoromethane	1.77	101	22950	0.998 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10395	0.877 ug/L	98
12) 1,1-Dichloroethene	2.13	96	8631	0.786 ug/L	85
13) Acetone	2.20	43	11726	4.675 ug/L	96
14) Carbon disulfide	2.31	76	49659	0.904 ug/L	98
15) Methyl Acetate	2.47	43	4632	0.852 ug/L	94
16) Methylene chloride	2.53	84	19714	0.871 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	35990	0.905 ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	18038	0.991 ug/L	95
19) 1,1-Dichloroethane	3.22	63	29715	0.895 ug/L	97
21) 2-Butanone	4.04	43	16289	4.135 ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	19415	1.009 ug/L #	95
23) Bromochloromethane	4.29	128	8388	1.129 ug/L	89
25) Chloroform	4.42	83	46644	1.348 ug/L	96
27) 1,2-Dichloroethane	5.18	62	17647	0.949 ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	30092	1.021 ug/L	99
30) Cyclohexane	4.72	56	28516	0.830 ug/L	100
31) Carbon tetrachloride	4.87	117	25255	0.986 ug/L	95
33) Benzene	5.14	78	68063	0.904 ug/L	100
34) Trichloroethene	5.96	95	20298	1.026 ug/L	96
35) Methylcyclohexane	6.17	83	32089	0.927 ug/L	98
37) 1,2-Dichloropropane	6.22	63	15984	0.885 ug/L	98
38) Bromodichloromethane	6.55	83	22867	0.975 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	24272	0.842 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	73830	7.017 ug/L	97

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42) Toluene	7.43	91	74365	0.919	ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	19319	0.868	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	12346	1.039	ug/L	95
47) Tetrachloroethene	8.01	164	16002	1.139	ug/L	95
48) 2-Hexanone	8.19	43	58639	8.133	ug/L	91
49) Dibromochloromethane	8.29	129	15348	1.036	ug/L	98
50) 1,2-Dibromoethane	8.39	107	11745	1.064	ug/L	90
51) Chlorobenzene	8.92	112	51370	1.028	ug/L	94
52) Ethylbenzene	9.05	91	86423	0.951	ug/L	99
53) m,p-xylene	9.18	106	32250	0.953	ug/L	91
54) o-xylene	9.58	106	31475	0.962	ug/L	96
55) Styrene	9.60	104	52436	0.967	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	13877	0.964	ug/L	99
59) Bromoform	9.77	173	7522	0.973	ug/L #	96
60) Isopropylbenzene	9.97	105	85437	0.932	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	9620	0.880	ug/L	95
62) 1,3,5-Trimethylbenzene	10.58	105	67723	0.878	ug/L	98
63) 1,2,4-Trimethylbenzene	10.95	105	65966	0.860	ug/L	98
64) 1,3-Dichlorobenzene	11.22	146	40064	1.033	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	38760	0.983	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	35709	1.028	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.48	75	2220	0.805	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.69	180	28521	0.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	24035	0.996	ug/L	99
71) Naphthalene	13.55	128	39511	0.902	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	20792	0.997	ug/L	94

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

