

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012920\
 Data File : VV014425.D
 Acq On : 29 Jan 2020 15:32
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:37:41 AM

Quant Time: Jan 30 01:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 30 00:51:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237654	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	216194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	101720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13755	0.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	9917	0.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19320	0.82	ug/L	0.00
20) 2-Butanone-d5	3.97	46	23879m	6.36	ug/L	0.02
24) Chloroform-d	4.39	84	27554	0.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	11990	0.77	ug/L	0.00
32) Benzene-d6	5.09	84	57442	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	17729	0.90	ug/L	0.00
41) Toluene-d8	7.35	98	52575	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	6985	0.81	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	24391	6.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	11858	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	16765	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17894	0.992 ug/L	98
3) Chloromethane	1.25	50	14956	0.877 ug/L	99
5) Vinyl chloride	1.32	62	14805	0.921 ug/L	99
6) Bromomethane	1.54	94	4269	0.503 ug/L	90
8) Chloroethane	1.60	64	7824	0.873 ug/L	98
9) Trichlorofluoromethane	1.77	101	19169	0.986 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10255	0.982 ug/L	98
12) 1,1-Dichloroethene	2.14	96	9396	0.915 ug/L	85
13) Acetone	2.21	43	13515	5.154 ug/L	67
14) Carbon disulfide	2.32	76	47079	0.994 ug/L	98
15) Methyl Acetate	2.47	43	3806	0.635 ug/L #	77
16) Methylene chloride	2.53	84	18903	1.088 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	32484	0.852 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	15891	0.993 ug/L	97
19) 1,1-Dichloroethane	3.23	63	28546	0.919 ug/L	97
21) 2-Butanone	4.04	43	22479	5.701 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	16998	0.968 ug/L	100
23) Bromochloromethane	4.29	128	6351	0.958 ug/L	98
25) Chloroform	4.42	83	28758	0.958 ug/L	98
27) 1,2-Dichloroethane	5.18	62	14610	0.832 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	23881	0.929 ug/L	97
30) Cyclohexane	4.72	56	27718	0.976 ug/L	97
31) Carbon tetrachloride	4.87	117	19984	0.912 ug/L	96
33) Benzene	5.14	78	63100	0.943 ug/L	100
34) Trichloroethene	5.96	95	17191	0.998 ug/L	99
35) Methylcyclohexane	6.17	83	29029	1.031 ug/L	97
37) 1,2-Dichloropropane	6.22	63	16025	0.956 ug/L #	96
38) Bromodichloromethane	6.55	83	18610	0.867 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	23116	0.862 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	83434	8.084 ug/L	98

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42) Toluene	7.43	91	68354	0.968	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	17522	0.858	ug/L	100
45) 1,1,2-Trichloroethane	7.87	97	9988	0.927	ug/L	99
47) Tetrachloroethene	8.01	164	11631	0.982	ug/L	95
48) 2-Hexanone	8.19	43	59395	8.330	ug/L	97
49) Dibromochloromethane	8.28	129	12121	0.901	ug/L	98
50) 1,2-Dibromoethane	8.39	107	9268	0.897	ug/L #	98
51) Chlorobenzene	8.92	112	41738	0.960	ug/L	97
52) Ethylbenzene	9.05	91	76451	0.970	ug/L	100
53) m,p-xylene	9.18	106	27703	0.947	ug/L	96
54) o-xylene	9.58	106	27175	0.946	ug/L	97
55) Styrene	9.60	104	44260	0.915	ug/L	100
56) Isopropylbenzene	9.97	105	71035	0.951	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	11262	0.858	ug/L #	92
59) 1,2,3-Trichloropropane	10.32	75	8972	0.907	ug/L	96
61) Bromoform	9.77	173	5431	0.805	ug/L	93
62) 1,3-Dichlorobenzene	11.22	146	31051	0.969	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	30935	0.972	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	28172	0.973	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	2361	0.920	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	22888	0.983	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	19200	0.944	ug/L	100
69) Naphthalene	13.55	128	31994	0.796	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	17018	0.956	ug/L	97

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

