

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022820\
 Data File : VV014711.D
 Acq On : 28 Feb 2020 16:10
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00133

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:48:36 AM

Quant Time: Feb 28 22:49:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 28 22:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	272066	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	258332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	132001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20484	1.21	ug/L	0.00
7) Chloroethane-d5	1.58	69	15507	1.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	35040	1.36	ug/L	0.00
20) 2-Butanone-d5	4.00	46	35893	10.29	ug/L	0.02
24) Chloroform-d	4.40	84	35434	1.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	17079	1.08	ug/L	0.00
32) Benzene-d6	5.10	84	71723	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	21587	0.96	ug/L	0.00
41) Toluene-d8	7.36	98	64661	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	8140	0.89	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	32022	9.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	15253	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	22700	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	28469	1.209 ug/L	99
3) Chloromethane	1.25	50	26561	1.385 ug/L	99
5) Vinyl chloride	1.32	62	24098	1.283 ug/L	94
6) Bromomethane	1.54	94	13510	1.806 ug/L	99
8) Chloroethane	1.60	64	12982	1.349 ug/L	92
9) Trichlorofluoromethane	1.77	101	33034	1.344 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	16775	1.262 ug/L	98
12) 1,1-Dichloroethene	2.14	96	15886	1.287 ug/L	92
13) Acetone	2.25	43	25963m	11.517 ug/L	
14) Carbon disulfide	2.32	76	53088	0.942 ug/L	99
15) Methyl Acetate	2.49	43	6305	1.143 ug/L #	84
16) Methylene chloride	2.54	84	20354	0.941 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	41905	1.010 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	19752	1.018 ug/L	96
19) 1,1-Dichloroethane	3.23	63	37993	1.060 ug/L	97
21) 2-Butanone	4.08	43	39170	10.088 ug/L #	59
22) cis-1,2-Dichloroethene	3.96	96	21351	1.021 ug/L	94
23) Bromochloromethane	4.30	128	8342	1.052 ug/L	91
25) Chloroform	4.42	83	37530	1.049 ug/L	100
27) 1,2-Dichloroethane	5.18	62	23133	1.166 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	32811	1.049 ug/L	97
30) Cyclohexane	4.72	56	35748	0.994 ug/L	99
31) Carbon tetrachloride	4.87	117	26944	1.006 ug/L	96
33) Benzene	5.14	78	80546	0.984 ug/L	100
34) Trichloroethene	5.96	95	21042	0.985 ug/L	98
35) Methylcyclohexane	6.17	83	35618	0.963 ug/L	97
37) 1,2-Dichloropropane	6.22	63	19744	0.966 ug/L #	95
38) Bromodichloromethane	6.55	83	24979	1.005 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	28607	0.942 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	116604	10.184 ug/L	96

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42) Toluene	7.43	91	83807	0.960	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	21441	0.924	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	13358	1.014	ug/L	94
47) Tetrachloroethene	8.02	164	17340	1.098	ug/L	91
48) 2-Hexanone	8.19	43	84371	10.523	ug/L	100
49) Dibromochloromethane	8.29	129	14073	0.902	ug/L	90
50) 1,2-Dibromoethane	8.39	107	12700	1.037	ug/L	96
51) Chlorobenzene	8.92	112	53294	0.983	ug/L	98
52) Ethylbenzene	9.05	91	93902	0.958	ug/L	98
53) m,p-xylene	9.18	106	33330	0.917	ug/L	94
54) o-xylene	9.58	106	33252	0.937	ug/L	99
55) Styrene	9.60	104	53502	0.911	ug/L	95
56) Isopropylbenzene	9.97	105	88435	0.943	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	16669	1.073	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	11744	1.029	ug/L	95
61) Bromoform	9.77	173	6724	0.844	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	42625	0.979	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	43238	0.997	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	38940	0.991	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	2499	0.829	ug/L #	75
67) 1,3,5-Trichlorobenzene	12.68	180	34456	1.046	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	28553	1.035	ug/L	99
69) Naphthalene	13.55	128	44723	0.933	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	25792	1.071	ug/L	97

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

