

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082819\
 Data File : VV012432.D
 Acq On : 28 Aug 2019 20:31
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Quant Time: Aug 29 01:58:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 29 01:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220629	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1903	0.21	ug/L	0.00
7) Chloroethane-d5	1.59	69	1606	0.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	12460	0.68	ug/L	0.00
20) 2-Butanone-d5	3.97	46	30359	9.87	ug/L	0.01
24) Chloroform-d	4.40	84	19199	0.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7488	0.65	ug/L	0.00
32) Benzene-d6	5.10	84	20524	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	10561	0.71	ug/L	0.00
41) Toluene-d8	7.36	98	22371	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3770	0.66	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	20892	10.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	10825	1.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	13542	0.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33726	1.577 ug/L	99
3) Chloromethane	1.25	50	27178	1.627 ug/L	99
5) Vinyl chloride	1.32	62	25577	1.605 ug/L	99
6) Bromomethane	1.54	94	13259	1.723 ug/L	98
8) Chloroethane	1.60	64	13291	1.633 ug/L	99
9) Trichlorofluoromethane	1.77	101	34961	1.624 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	17159	1.563 ug/L	98
12) 1,1-Dichloroethene	2.14	96	16784	1.663 ug/L	99
13) Acetone	2.23	43	27475	18.429 ug/L	99
14) Carbon disulfide	2.32	76	48608	1.541 ug/L	100
15) Methyl Acetate	2.47	43	6736	1.819 ug/L	100
16) Methylene chloride	2.53	84	17694	1.592 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	47791	1.576 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	21960	1.493 ug/L	97
19) 1,1-Dichloroethane	3.23	63	44453	1.598 ug/L	96
21) 2-Butanone	4.05	43	52484	15.170 ug/L	77
22) cis-1,2-Dichloroethene	3.96	96	23145	1.443 ug/L	94
23) Bromochloromethane	4.30	128	10094	1.491 ug/L	97
25) Chloroform	4.42	83	46760	1.530 ug/L	98
27) 1,2-Dichloroethane	5.18	62	26561	1.614 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	37107	1.537 ug/L	99
30) Cyclohexane	4.72	56	35137	1.401 ug/L	99
31) Carbon tetrachloride	4.87	117	32807	1.537 ug/L	98
33) Benzene	5.15	78	91464	1.486 ug/L	100
34) Trichloroethene	5.96	95	24262	1.480 ug/L	97
35) Methylcyclohexane	6.17	83	33482	1.287 ug/L	98
37) 1,2-Dichloropropane	6.22	63	22782	1.453 ug/L	100
38) Bromodichloromethane	6.55	83	30873	1.591 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	28353	1.341 ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	127655	14.815 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	90923	1.437	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	22774	1.439	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	16244	1.598	ug/L	96
47) Tetrachloroethene	8.02	164	19707	1.483	ug/L	99
48) 2-Hexanone	8.19	43	85682	13.894	ug/L	98
49) Dibromochloromethane	8.29	129	18373	1.503	ug/L	99
50) 1,2-Dibromoethane	8.40	107	13998	1.476	ug/L #	99
51) Chlorobenzene	8.92	112	60511	1.473	ug/L	97
52) Ethylbenzene	9.05	91	94014	1.376	ug/L	98
53) m,p-xylene	9.18	106	34470	1.337	ug/L	97
54) o-xylene	9.59	106	33030	1.346	ug/L	94
55) Styrene	9.60	104	54908	1.333	ug/L	99
56) Isopropylbenzene	9.97	105	88055	1.349	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	19188	1.694	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	13405	1.541	ug/L	95
61) Bromoform	9.77	173	9963	1.587	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	43609	1.485	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	45475	1.548	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	41786	1.546	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	2888	1.790	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	33113	1.469	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	25039	1.552	ug/L	98
69) Naphthalene	13.55	128	34376	1.478	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	25382	1.670	ug/L	93

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

