

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032119\
 Data File : VV009791.D
 Acq On : 21 Mar 2019 12:35
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00132

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:05:57 PM

Quant Time: Mar 21 14:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 21 13:22:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	110214	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	107654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15012	2.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	12245	1.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	35120	1.90	ug/L	0.00
20) 2-Butanone-d5	3.98	46	14776m	11.25	ug/L	0.00
24) Chloroform-d	4.40	84	15141	1.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6573	1.02	ug/L	0.00
32) Benzene-d6	5.09	84	29432	1.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9218	1.18	ug/L	0.00
41) Toluene-d8	7.36	98	27183	1.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	3205	0.96	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	12269	10.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	6734	1.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	9271	1.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10322	1.497 ug/L	96
3) Chloromethane	1.25	50	15031	1.959 ug/L	97
5) Vinyl chloride	1.32	62	17239	2.033 ug/L	96
6) Bromomethane	1.53	94	9622	1.765 ug/L	92
8) Chloroethane	1.60	64	12751	2.236 ug/L	84
9) Trichlorofluoromethane	1.77	101	32641	1.776 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	16982	1.834 ug/L	94
12) 1,1-Dichloroethene	2.14	96	14312	1.784 ug/L	97
13) Acetone	2.23	43	20515m	17.843 ug/L	
14) Carbon disulfide	2.32	76	41086	1.571 ug/L	98
15) Methyl Acetate	2.47	43	3967	1.262 ug/L #	85
16) Methylene chloride	2.53	84	19499	2.085 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	34260	1.692 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	16812	1.914 ug/L	87
19) 1,1-Dichloroethane	3.23	63	29082	2.305 ug/L	97
21) 2-Butanone	4.08	43	15478	10.856 ug/L	73
22) cis-1,2-Dichloroethene	3.96	96	6982	0.892 ug/L	92
23) Bromochloromethane	4.30	128	2903	0.940 ug/L	82
25) Chloroform	4.43	83	13246m	0.993 ug/L	
27) 1,2-Dichloroethane	5.18	62	8058	1.000 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	12109	0.968 ug/L	99
30) Cyclohexane	4.71	56	11932	1.002 ug/L	93
31) Carbon tetrachloride	4.87	117	9974	0.980 ug/L	98
33) Benzene	5.15	78	30427	1.042 ug/L	100
34) Trichloroethene	5.96	95	7521	0.911 ug/L	93
35) Methylcyclohexane	6.17	83	13487	1.023 ug/L	97
37) 1,2-Dichloropropane	6.22	63	7783	1.095 ug/L #	90
38) Bromodichloromethane	6.56	83	8058	0.808 ug/L #	95
39) cis-1,3-Dichloropropene	7.07	75	9247	0.830 ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	40955	10.591 ug/L	95

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42) Toluene	7.43	91	33207	0.994	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	7463	0.845	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	5340	1.061	ug/L	91
47) Tetrachloroethene	8.02	164	7286	1.146	ug/L	85
48) 2-Hexanone	8.20	43	29152	10.918	ug/L #	96
49) Dibromochloromethane	8.29	129	5186	0.798	ug/L	82
50) 1,2-Dibromoethane	8.40	107	4950	1.010	ug/L #	96
51) Chlorobenzene	8.92	112	21056	0.954	ug/L	97
52) Ethylbenzene	9.05	91	35976	0.937	ug/L	100
53) m,p-xylene	9.18	106	13295	0.911	ug/L	89
54) o-xylene	9.59	106	12958	0.901	ug/L	87
55) Styrene	9.60	104	20567	0.883	ug/L	92
56) Isopropylbenzene	9.97	105	33186	0.851	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	6429	1.037	ug/L	90
59) 1,2,3-Trichloropropane	10.32	75	4700	1.078	ug/L	99
61) Bromoform	9.77	173	2493	0.790	ug/L #	53
62) 1,3-Dichlorobenzene	11.23	146	16309	0.997	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	16486	1.002	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	14417	0.947	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.48	75	850	0.873	ug/L #	60
67) 1,3,5-Trichlorobenzene	12.69	180	12807	1.058	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	8157	0.857	ug/L	90
69) Naphthalene	13.56	128	11158	0.701	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	7857	0.914	ug/L	100

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

