

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010453.D
 Acq On : 24 Apr 2019 11:00
 Operator : SY/MD
 Sample : VSTD00134
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:48:12 AM

Quant Time: Apr 25 01:47:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 01:34:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252819	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	241011	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14490	1.06	ug/L	0.00
7) Chloroethane-d5	1.58	69	11169	0.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28082	0.78	ug/L	0.00
20) 2-Butanone-d5	3.99	46	30073	8.95	ug/L	0.01
24) Chloroform-d	4.41	84	29337	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15025	0.97	ug/L	0.00
32) Benzene-d6	5.09	84	54682	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16215	0.92	ug/L	0.00
41) Toluene-d8	7.36	98	52035	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6223	1.08	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	23697	9.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	11437	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	21710	1.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18884	0.795 ug/L	100
3) Chloromethane	1.25	50	14548	0.731 ug/L	98
5) Vinyl chloride	1.32	62	16545	0.763 ug/L	95
6) Bromomethane	1.54	94	11331	0.734 ug/L	91
8) Chloroethane	1.60	64	9493	0.657 ug/L	92
9) Trichlorofluoromethane	1.77	101	31312	0.728 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	15777	0.693 ug/L	98
12) 1,1-Dichloroethene	2.14	96	14348	0.750 ug/L #	82
13) Acetone	2.24	43	18193m	6.944 ug/L	
14) Carbon disulfide	2.32	76	37727	0.739 ug/L	96
15) Methyl Acetate	2.47	43	4329m	0.706 ug/L	
16) Methylene chloride	2.54	84	16684	0.783 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	34048	0.742 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	15832	0.748 ug/L	96
19) 1,1-Dichloroethane	3.23	63	25133	0.693 ug/L	95
21) 2-Butanone	4.07	43	27355	7.978 ug/L #	72
22) cis-1,2-Dichloroethene	3.96	96	15561	0.854 ug/L	86
23) Bromochloromethane	4.30	128	6818	0.835 ug/L	88
25) Chloroform	4.43	83	29394	0.862 ug/L	99
27) 1,2-Dichloroethane	5.18	62	15428	0.814 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	26608	0.937 ug/L	96
30) Cyclohexane	4.72	56	22305	0.934 ug/L	94
31) Carbon tetrachloride	4.87	117	23270	0.874 ug/L	98
33) Benzene	5.14	78	56022	0.856 ug/L	100
34) Trichloroethene	5.96	95	16658	0.874 ug/L	92
35) Methylcyclohexane	6.17	83	24300	0.861 ug/L	98
37) 1,2-Dichloropropane	6.23	63	14096	0.931 ug/L	99
38) Bromodichloromethane	6.56	83	19339	0.953 ug/L #	97
39) cis-1,3-Dichloropropene	7.07	75	18786	0.884 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	74011	8.921 ug/L	99

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42) Toluene	7.43	91	62912	0.863	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	14442	0.877	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	9609	0.803	ug/L	98
47) Tetrachloroethene	8.02	164	14317	0.861	ug/L	97
48) 2-Hexanone	8.20	43	50907	9.122	ug/L	97
49) Dibromochloromethane	8.29	129	12395	0.861	ug/L	95
50) 1,2-Dibromoethane	8.40	107	9641	0.886	ug/L	88
51) Chlorobenzene	8.93	112	43579	0.882	ug/L	99
52) Ethylbenzene	9.05	91	70338	0.891	ug/L	98
53) m,p-xylene	9.18	106	26129	0.848	ug/L	98
54) o-xylene	9.59	106	26027	0.874	ug/L	85
55) Styrene	9.60	104	38550	0.803	ug/L	98
56) Isopropylbenzene	9.97	105	68897	0.870	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	11547	0.886	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	8810	0.946	ug/L	99
61) Bromoform	9.78	173	6516	0.896	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	34021	0.898	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	35134	0.921	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	33534	0.943	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	1636	0.969	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	27606	0.939	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	19454	0.925	ug/L	99
69) Naphthalene	13.56	128	25867	1.014	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	18581	0.972	ug/L	96

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

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