

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032219\
 Data File : VV009843.D
 Acq On : 22 Mar 2019 21:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Mar 23 03:59:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 23 03:53:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54842	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	52201	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	136154	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	3.98	46	68383	53.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.40	84	59668	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.09	65	29774	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	117579	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	33934	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	114443	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	11767	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	57887	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28334	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	40387	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	39676	4.819	ug/L 97
3) Chloromethane	1.25	50	63285	5.260	ug/L 97
5) Vinyl chloride	1.32	62	68524	5.174	ug/L 96
6) Bromomethane	1.54	94	46008	5.683	ug/L 100
8) Chloroethane	1.60	64	49118	5.344	ug/L 99
9) Trichlorofluoromethane	1.77	101	151959	5.486	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72665	5.302	ug/L 95
12) 1,1-Dichloroethene	2.14	96	67731	5.565	ug/L 91
13) Acetone	2.22	43	94416	57.098	ug/L # 52
14) Carbon disulfide	2.32	76	171397	5.093	ug/L 98
15) Methyl Acetate	2.47	43	24649	6.275	ug/L 99
16) Methylene chloride	2.54	84	68484	4.976	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	155133	5.518	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	71212	5.445	ug/L 89
19) 1,1-Dichloroethane	3.23	63	126911	5.589	ug/L 99
21) 2-Butanone	4.06	43	67370	51.855	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	31794	5.025	ug/L 93

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

23) Bromochloromethane	4.30	128	13230	5.158	ug/L	92
25) Chloroform	4.43	83	57400	5.189	ug/L	97
27) 1,2-Dichloroethane	5.18	62	35483	5.271	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	48339	4.662	ug/L	96
30) Cyclohexane	4.72	56	47115	4.384	ug/L	98
31) Carbon tetrachloride	4.87	117	41998	4.704	ug/L	98
33) Benzene	5.15	78	128991	4.781	ug/L	100
34) Trichloroethene	5.96	95	32898	4.820	ug/L	97
35) Methylcyclohexane	6.17	83	49330	4.223	ug/L	99
37) 1,2-Dichloropropane	6.22	63	30343	4.499	ug/L #	97
38) Bromodichloromethane	6.56	83	37204	4.665	ug/L	93
39) cis-1,3-Dichloropropene	7.07	75	37366	4.096	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	189816	48.165	ug/L	95
42) Toluene	7.43	91	141534	4.636	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	31520	4.321	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	22661	4.936	ug/L	98
47) Tetrachloroethene	8.02	164	25417	4.312	ug/L	97
48) 2-Hexanone	8.19	43	137380	49.549	ug/L	96
49) Dibromochloromethane	8.29	129	23907	4.505	ug/L	91
50) 1,2-Dibromoethane	8.40	107	20246	4.722	ug/L	99
51) Chlorobenzene	8.93	112	88585	4.532	ug/L	96
52) Ethylbenzene	9.06	91	152982	4.548	ug/L	97
53) m,p-xylene	9.18	106	57084	4.466	ug/L	99
54) o-xylene	9.59	106	56023	4.487	ug/L	96
55) Styrene	9.60	104	97164	4.786	ug/L	99
56) Isopropylbenzene	9.98	105	150477	4.564	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	27921	4.909	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	18524	4.728	ug/L	99
61) Bromoform	9.78	173	10517	4.237	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	65929	4.414	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	69031	4.568	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	65048	4.628	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	2420	3.219	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	48754	4.312	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	37229	4.392	ug/L	93
69) Naphthalene	13.55	128	56871	4.273	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	36860	4.685	ug/L	96

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

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