

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026448.D
 Acq On : 4 Apr 2019 15:54
 Operator : SY/MD
 Sample : K2271-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB7C5

Quant Time: Apr 05 07:47:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 05 07:16:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	532762	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	432696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	187896	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	174740	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.62	69	154593	4.58	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	3.60	63	512271	4.89	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	6.58	46	174431	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	7.20	84	344625	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	7.89	65	138437	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	7.85	84	618688	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	8.89	67	163112	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	9.96	98	556190	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	10.23	79	41096	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	142293	55.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67412	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	120970	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.83	85	96994	1.776	ug/L	97
3) Chloromethane	2.00	50	348480	6.051	ug/L	98
5) Vinyl chloride	2.15	62	246155	4.350	ug/L	98
6) Bromomethane	2.52	94	148521	4.488	ug/L	88
8) Chloroethane	2.65	64	137701	4.292	ug/L	94
9) Trichlorofluoromethane	2.93	101	712058	9.089	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	181250	4.193	ug/L	98
12) 1,1-Dichloroethene	3.62	96	256899	5.437	ug/L	92
16) Methylene chloride	4.40	84	128030	3.048	ug/L	96
17) Methyl tert-butyl Ether	4.89	73	257931	4.800	ug/L	99
18) trans-1,2-Dichloroethene	4.87	96	262801	5.895	ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	223583	6.030	ug/L #	92
23) Bromochloromethane	7.04	128	21599	1.870	ug/L	84
25) Chloroform	7.23	83	339700	4.286	ug/L	99
27) 1,2-Dichloroethane	7.99	62	187881	4.753	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	342030	4.789	ug/L	99
31) Carbon tetrachloride	7.63	117	323511	4.782	ug/L	98

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34) Trichloroethene	8.71	95	372909	8.233	ug/L	99
37) 1,2-Dichloropropane	8.99	63	161857	4.368	ug/L	99
38) Bromodichloromethane	9.28	83	81707	1.908	ug/L #	96
39) cis-1,3-Dichloropropene	9.72	75	69292	1.723	ug/L	98
42) Toluene	10.03	91	503167	2.904	ug/L	100
45) 1,1,2-Trichloroethane	10.44	97	119749	7.988	ug/L	94
47) Tetrachloroethene	10.51	164	151018	4.685	ug/L	96
49) Dibromochloromethane	10.78	129	111595	5.683	ug/L	100
52) Ethylbenzene	11.39	91	2133727	10.688	ug/L	98
54) o-Xylene	11.83	106	185577	2.952	ug/L	94
55) Styrene	11.84	104	296253	2.985	ug/L	98
56) Isopropylbenzene	12.13	105	1433908	8.036	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	71481	4.911	ug/L	94
62) 1,3-Dichlorobenzene	13.16	146	115235	1.913	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	90479	1.811	ug/L	99

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

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