

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026585.D
 Acq On : 12 Apr 2019 00:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00571

Quant Time: Apr 12 02:12:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	591082	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	494716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	202789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	177905	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	2.63	69	167945	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	3.60	63	539824	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	6.58	46	199301	47.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	7.20	84	405354	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.89	65	167656	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	7.85	84	737318	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	8.89	67	190467	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	9.96	98	683894	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.23	79	41618	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	10.59	63	177628	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83615	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	137877	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.82	85	274937	4.334	ug/L	95
3) Chloromethane	2.01	50	294234	4.596	ug/L	97
5) Vinyl chloride	2.15	62	311477	4.744	ug/L	94
6) Bromomethane	2.52	94	176026	4.560	ug/L	99
8) Chloroethane	2.66	64	177936	4.723	ug/L	93
9) Trichlorofluoromethane	2.93	101	467832	4.785	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	231460	4.545	ug/L	99
12) 1,1-Dichloroethene	3.62	96	266642	4.792	ug/L	85
13) Acetone	3.69	43	209363	48.161	ug/L	97
14) Carbon disulfide	3.93	76	730347	4.987	ug/L	98
15) Methyl Acetate	4.19	43	54758	4.642	ug/L #	70
16) Methylene chloride	4.40	84	226555	4.555	ug/L	98
17) Methyl tert-butyl Ether	4.89	73	230357	4.403	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	236071	4.707	ug/L	98
19) 1,1-Dichloroethane	5.68	63	436918	4.839	ug/L	99
21) 2-Butanone	6.69	43	274445	52.458	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	219665	5.255	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	65784	4.804	ug/L	91
25) Chloroform	7.23	83	433782	4.844	ug/L	98
27) 1,2-Dichloroethane	7.99	62	219241	4.903	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	374196	5.021	ug/L	98
30) Cyclohexane	7.51	56	380787	5.494	ug/L	97
31) Carbon tetrachloride	7.63	117	372965	4.917	ug/L	99
33) Benzene	7.90	78	991472	5.224	ug/L	100
34) Trichloroethene	8.71	95	246555	4.854	ug/L	94
35) Methylcyclohexane	8.95	83	358348	5.140	ug/L	99
37) 1,2-Dichloropropane	9.00	63	203083	4.959	ug/L	99
38) Bromodichloromethane	9.28	83	239710	5.067	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	227703	5.108	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	719913	59.327	ug/L	98
42) Toluene	10.03	91	1044868	5.305	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	154595	4.983	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	88911	4.915	ug/L	94
47) Tetrachloroethene	10.51	164	178729	4.818	ug/L	90
48) 2-Hexanone	10.63	43	467837	54.299	ug/L	97
49) Dibromochloromethane	10.78	129	111831	5.084	ug/L	97
50) 1,2-Dibromoethane	10.88	107	74783	4.878	ug/L #	91
51) Chlorobenzene	11.31	112	554312	4.881	ug/L	98
52) Ethylbenzene	11.39	91	1207572	5.374	ug/L	98
53) m,p-Xylene	11.50	106	429539	5.324	ug/L	97
54) o-Xylene	11.83	106	386662	5.362	ug/L	100
55) Styrene	11.84	104	626884	5.430	ug/L	94
56) Isopropylbenzene	12.13	105	1120090	5.613	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	82722	4.792	ug/L	96
59) 1,2,3-Trichloropropane	12.43	75	63697	4.944	ug/L	98
61) Bromoform	12.01	173	41450	4.865	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	308964	4.913	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	345741	4.587	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	267291	4.909	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.14	75	8262	3.971	ug/L	93
67) 1,3,5-Trichlorobenzene	14.29	180	189226	4.581	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	101295	4.406	ug/L	99
69) Naphthalene	15.00	128	97947	4.638	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	85976	5.275	ug/L	100

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

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