

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026329.D
 Acq On : 15 Feb 2019 14:38
 Operator : SY/MD
 Sample : K1488-22MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXF7MSD

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 1:56:01 AM

Quant Time: Feb 16 03:40:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 03:20:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	568511	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	461716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	226882	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	2.63	69	189419	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	3.61	63	556866	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	6.59	46	171137	51.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	7.20	84	359433	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	7.90	65	141173	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	7.85	84	751409	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	8.90	67	186586	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	666783	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	10.23	79	42783	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	10.59	63	127216	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61919	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	120117	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.17	62	299488	4.971	ug/L	98
12) 1,1-Dichloroethene	3.63	96	243114	4.476	ug/L	83
13) Acetone	3.70	43	9472m	2.717	ug/L	
18) trans-1,2-Dichloroethene	4.89	96	141289	2.866	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	2376015	59.754	ug/L #	90
30) Cyclohexane	7.52	56	38203	0.628	ug/L	97
33) Benzene	7.91	78	873558	4.782	ug/L	100
34) Trichloroethene	8.71	95	775452	16.462	ug/L	98
35) Methylcyclohexane	8.96	83	13514	0.206	ug/L #	80
42) Toluene	10.03	91	925091	4.927	ug/L	99
47) Tetrachloroethene	10.51	164	884732	24.478	ug/L	92
51) Chlorobenzene	11.32	112	490548	4.569	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
Data File : VR026329.D
Acq On : 15 Feb 2019 14:38
Operator : SY/MD
Sample : K1488-22MSD
Misc : 25mL/MSVOA R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Manual Integrations
APPROVED

MMDadoda
2/19/2019 1:56:01 AM

Quant Time: Feb 16 03:40:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration

