

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015706.D
 Acq On : 25 Apr 2020 20:11
 Operator : SY/MD
 Sample : L2413-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM2

Manual Integrations
 APPROVED

apatel
 4/27/2020 11:48:42 AM

Quant Time: Apr 27 04:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128016	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103489	15.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	309.40%#
7) Chloroethane-d5	1.58	69	29146	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	78294	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	3.94	46	118888	55.35	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.70%
24) Chloroform-d	4.38	84	72564	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	41258	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.08	84	134558	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	44363	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	122967	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.65	79	12348	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.11	63	76958	43.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32958	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	48100	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	8450499	834.093	ug/L	88
12) 1,1-Dichloroethene	2.13	96	56310	7.558	ug/L	89
14) Carbon disulfide	2.31	76	3391	0.161	ug/L #	87
17) Methyl tert-butyl Ether	2.79	73	6249	0.299	ug/L #	79
18) trans-1,2-Dichloroethene	2.78	96	224223	26.877	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	27263060m	2955.646	ug/L	
30) Cyclohexane	4.71	56	2021	0.134	ug/L	98
34) Trichloroethene	5.94	95	17286	1.762	ug/L	97
35) Methylcyclohexane	6.15	83	1315	0.087	ug/L	96
42) Toluene	7.41	91	5897	0.155	ug/L	100
47) Tetrachloroethene	8.00	164	9191	1.301	ug/L	98

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

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