

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015707.D
 Acq On : 25 Apr 2020 20:34
 Operator : SY/MD
 Sample : L2413-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM3

Manual Integrations
 APPROVED

apatel
 4/27/2020 11:48:46 AM

Quant Time: Apr 27 05:06:31 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	127273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100379	15.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	301.80%#
7) Chloroethane-d5	1.58	69	29499	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	74703	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	3.94	46	124632	58.36	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.72%
24) Chloroform-d	4.38	84	74216	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	42703	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	137639	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	45476	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	125808	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.65	79	11373	3.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.20%
46) 2-Hexanone-d5	8.11	63	80744	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33811	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	47964	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	8207776	814.865	ug/L	90
12) 1,1-Dichloroethene	2.13	96	50340	6.796	ug/L	92
14) Carbon disulfide	2.31	76	16096	0.769	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	6321	0.304	ug/L #	77
18) trans-1,2-Dichloroethene	2.78	96	220748	26.615	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	26894218m	2932.680	ug/L	
30) Cyclohexane	4.70	56	2025	0.135	ug/L #	90
34) Trichloroethene	5.94	95	12819	1.310	ug/L	95
42) Toluene	7.42	91	5815	0.154	ug/L	95
47) Tetrachloroethene	8.00	164	5773	0.819	ug/L	97
48) 2-Hexanone	8.17	43	1984	0.476	ug/L #	39

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

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