

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008321.D
 Acq On : 17 Oct 2018 03:12
 Operator : SY/MD
 Sample : J5463-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB9

Manual Integrations
 APPROVED

apatel
 10/19/2018 2:50:33 PM

Quant Time: Oct 17 07:12:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.69	114	79810m	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.91	117	79670	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	39180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24505	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.58	69	15575	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.14	63	58451	6.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	135.00%#
20) 2-Butanone-d5	4.00	46	72798	48.12	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.24%
24) Chloroform-d	4.43	84	49923	4.95	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.11	65	25013	4.89	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.16	84	95025m	4.06	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	5.99	67	760043m	98.69	ug/L	-0.13
Spiked Amount	5.000	Range	60 - 140	Recovery	=	1973.80%#
41) Toluene-d8	7.39	98	87209	4.11	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.69	79	13182	4.13	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.15	63	64662	57.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26203	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	31675	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	472210	79.520	ug/L	99
12) 1,1-Dichloroethene	2.15	96	43225	11.274	ug/L	84
13) Acetone	2.21	43	5511	6.733	ug/L	88
14) Carbon disulfide	2.33	76	4327	0.328	ug/L #	86
16) Methylene chloride	2.55	84	1493	0.336	ug/L	78
18) trans-1,2-Dichloroethene	2.80	96	124018	30.065	ug/L	95
19) 1,1-Dichloroethane	3.24	63	78342	9.193	ug/L	96
22) cis-1,2-Dichloroethene	3.99	96	26383351	3961.500	ug/L #	91
25) Chloroform	4.45	83	168774	16.157	ug/L	98
29) 1,1,1-Trichloroethane	4.70	97	63451	6.395	ug/L	98
31) Carbon tetrachloride	4.94	117	3306m	0.396	ug/L	
33) Benzene	5.23	78	12066m	0.449	ug/L	
34) Trichloroethene	5.99	95	164898200m	22163.836	ug/L	
42) Toluene	7.46	91	6175671	220.679	ug/L	98
45) 1,1,2-Trichloroethane	7.90	97	168340	37.434	ug/L	97
47) Tetrachloroethene	8.04	164	1278999	274.379	ug/L	97
52) Ethylbenzene	9.07	91	598448	19.448	ug/L	99

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53) m,p-xylene	9.19	106	475501	42.722	ug/L	98
54) o-xylene	9.60	106	245388	22.129	ug/L	99
56) Isopropylbenzene	9.98	105	28978	0.992	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	2890	0.227	ug/L	92

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

