

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015443.D
 Acq On : 10 Apr 2020 01:33
 Operator : SY/MD
 Sample : L2207-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS84

Manual Integrations
 APPROVED

apatel
 4/10/2020 11:13:29 AM

Quant Time: Apr 10 07:19:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116447	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54886	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26468	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	26421	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	31943	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	3.96	46	94693	55.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.64%
24) Chloroform-d	4.38	84	60154	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	35378	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	118245	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	38417	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	105958	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.65	79	14475	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.12	63	78356	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29037	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	42949	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1834	0.174	ug/L #	60
13) Acetone	2.23	43	21739m	18.137	ug/L	
19) 1,1-Dichloroethane	3.22	63	12271	0.790	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	8495	0.993	ug/L	94
25) Chloroform	4.41	83	3561	0.224	ug/L	77
27) 1,2-Dichloroethane	5.16	62	6799	0.662	ug/L	98
30) Cyclohexane	4.70	56	3466	0.226	ug/L	89
33) Benzene	5.13	78	44945	1.347	ug/L	100
34) Trichloroethene	5.95	95	1764	0.196	ug/L	92
35) Methylcyclohexane	6.15	83	1309	0.086	ug/L #	64
42) Toluene	7.41	91	2928	0.081	ug/L	96
51) Chlorobenzene	8.90	112	40799	1.767	ug/L	98
52) Ethylbenzene	9.04	91	15768	0.378	ug/L	99
53) m,p-xylene	9.16	106	20398	1.295	ug/L	100
54) o-xylene	9.57	106	7366	0.483	ug/L	94
56) Isopropylbenzene	9.95	105	6646	0.159	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	3436	0.191	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.67	146	29354	1.820	ug/L	98

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

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