

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032941.D
 Acq On : 7 Dec 2018 19:13
 Operator : SY/AP
 Sample : J6262-06
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA4

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:09:15 AM

Quant Time: Dec 10 20:14:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1273068	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3246413	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3126472	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2533779	10.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	34353	0.202	ppbv	96
3) Chlorodifluoromethane	3.01	51	101544m	1.053	ppbv	
4) Chloromethane	3.17	50	33318	0.594	ppbv	89
9) Propene	3.05	41	77896m	2.043	ppbv	
10) Heptane	8.25	43	43605	0.304	ppbv	96
11) Trichlorofluoromethane	4.00	101	40322	0.252	ppbv	97
13) Ethanol	3.67	45	3909146	297.813	ppbv	95
15) Acetone	3.90	43	10310974	94.361	ppbv	93
19) Isopropyl Alcohol	4.04	45	8166717	119.009	ppbv #	2
20) Methylene Chloride	4.42	84	278491	5.215	ppbv #	89
26) Hexane	5.78	57	548236	4.600	ppbv #	34
29) Chloroform	5.85	83	72942	0.343	ppbv	99
31) cis-1,2-Dichloroethene	5.65	61	14451m	0.132	ppbv	
34) 2-Butanone	5.33	43	196001	1.386	ppbv	98
35) Carbon Tetrachloride	7.13	117	17572m	0.069	ppbv	
36) Benzene	7.00	78	116546	0.488	ppbv	96
38) Trichloroethene	7.96	130	30221m	0.304	ppbv	
41) Tetrahydrofuran	6.15	42	63560	0.723	ppbv	99
43) Methyl Methacrylate	8.14	69	7106306m	80.316	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	98967m	0.244	ppbv	
52) Tetrachloroethene	11.37	164	203326	2.341	ppbv	98
53) Toluene	9.95	91	1656514	6.541	ppbv	100
58) Ethyl Benzene	12.87	91	54126	0.162	ppbv #	88
59) m/p-Xylene	13.12	91	190016m	0.628	ppbv	
60) o-Xylene	13.85	91	57745	0.189	ppbv	97
72) 4-Ethyltoluene	16.00	105	67376m	0.198	ppbv	
73) 1,3,5-Trimethylbenzene	16.16	105	60720m	0.182	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	259494	0.691	ppbv #	66
76) 1,4-Dichlorobenzene	17.31	146	20841m	0.101	ppbv	
79) Naphthalene	22.42	128	39502m	0.163	ppbv	

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

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