

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092018\
 Data File : VL032510.D
 Acq On : 20 Sep 2018 16:49
 Operator : SY/AP
 Sample : J4961-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AS-01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 11:19:58 AM

Quant Time: Sep 22 12:30:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep 21 2018
 QLast Update : Fri Sep 21 02:33:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1505561	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3382207	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3423636	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2637290	10.38	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.10	85	35245	0.183	ppbv	95
4) Chloromethane	3.19	50	30258	0.367	ppbv	92
5) Vinyl Chloride	3.32	62	6992	0.086	ppbv #	53
9) Propene	3.07	41	703892m	12.804	ppbv	
11) Trichlorofluoromethane	4.03	101	974318	5.611	ppbv	97
13) Ethanol	3.69	45	1998574	116.627	ppbv	98
15) Acetone	3.92	43	3856139m	28.442	ppbv	
17) tert-Butyl alcohol	4.40	59	1124127	53.878	ppbv #	100
18) 1,1-Dichloroethene	4.38	96	15098	0.281	ppbv	80
19) Isopropyl Alcohol	4.07	45	637875	7.172	ppbv #	1
20) Methylene Chloride	4.44	84	2050895	39.671	ppbv	98
22) trans-1,2-Dichloroethene	4.99	96	14640m	0.251	ppbv	
26) Hexane	5.82	57	3181234	22.190	ppbv #	44
27) Carbon Disulfide	4.65	76	1181388	8.927	ppbv	100
29) Chloroform	5.88	83	2887403	13.209	ppbv	99
31) cis-1,2-Dichloroethene	5.68	61	248760	1.916	ppbv	97
32) 1,1,1-Trichloroethane	6.66	97	14045	0.069	ppbv	94
34) 2-Butanone	5.36	43	316963	1.411	ppbv	100
35) Carbon Tetrachloride	7.17	117	16396m	0.072	ppbv	
36) Benzene	7.05	78	54701	0.190	ppbv #	89
37) 1,2-Dichloroethane	6.44	62	89643	0.508	ppbv #	89
38) Trichloroethene	8.00	130	10712m	0.098	ppbv	
47) 1,1,2-Trichloroethane	9.65	97	75019	0.573	ppbv	90
52) Tetrachloroethene	11.41	164	40894	0.458	ppbv #	78
53) Toluene	9.98	91	430268	1.430	ppbv	100
58) Ethyl Benzene	12.90	91	72950	0.178	ppbv	94
59) m/p-Xylene	13.16	91	225928	0.619	ppbv	96
60) o-Xylene	13.89	91	85540	0.238	ppbv	97
61) Styrene	13.72	104	114365	0.492	ppbv	97
74) 1,2,4-Trimethylbenzene	16.96	105	62161	0.145	ppbv #	72
80) Naphthalene, 2-methyl-	25.15	142	21004	0.226	ppbv	96

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

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