

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033864.D
 Acq On : 30 May 2019 10:19
 Operator : SY/AP
 Sample : K3007-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG-2

Manual Integrations
 APPROVED

apatel
 5/31/2019 2:40:41 PM

Quant Time: May 31 07:25:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	800592	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1924036	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2091217	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1675695	9.88	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	19388	0.115	ppbv	91
3) Chlorodifluoromethane	3.01	51	29078m	0.317	ppbv	
4) Chloromethane	3.17	50	39747	0.758	ppbv	97
5) Vinyl Chloride	3.28	62	6564m	0.123	ppbv	
9) Propene	3.03	41	1474511	37.803	ppbv	87
10) Heptane	8.25	43	1981663	17.941	ppbv	99
11) Trichlorofluoromethane	4.00	101	45653	0.284	ppbv	85
13) Ethanol	3.66	45	3693630	292.978	ppbv	99
15) Acetone	3.89	43	10868239m	97.843	ppbv	
17) tert-Butyl alcohol	4.37	59	253626	2.824	ppbv #	72
20) Methylene Chloride	4.41	84	26574	0.621	ppbv #	60
26) Hexane	5.78	57	2574834	30.695	ppbv #	40
27) Carbon Disulfide	4.62	76	486400	4.226	ppbv	97
28) Methyl tert-Butyl Ether	5.11	73	956679	6.996	ppbv	99
29) Chloroform	5.85	83	46983	0.304	ppbv	100
30) Cyclohexane	7.24	84	289830	4.110	ppbv	92
32) 1,1,1-Trichloroethane	6.62	97	39544	0.256	ppbv	95
34) 2-Butanone	5.32	43	1003046	8.411	ppbv	99
35) Carbon Tetrachloride	7.13	117	5790m	0.038	ppbv	
36) Benzene	7.00	78	2060477	11.773	ppbv	99
37) 1,2-Dichloroethane	6.41	62	38441m	0.340	ppbv	
38) Trichloroethene	7.96	130	21235m	0.327	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	17442663	58.968	ppbv #	89
51) 2-Hexanone	10.25	43	1317530	9.203	ppbv #	32
52) Tetrachloroethene	11.37	164	439847	7.149	ppbv	97
53) Toluene	9.95	91	1888450	10.004	ppbv	98
58) Ethyl Benzene	12.86	91	286546	1.035	ppbv	96
59) m/p-Xylene	13.11	91	854339	3.529	ppbv	97
60) o-Xylene	13.84	91	296494	1.215	ppbv	98
61) Styrene	13.68	104	23343m	0.142	ppbv	
62) Isopropylbenzene	14.82	105	35364m	0.108	ppbv	
64) n-propylbenzene	15.72	120	16630m	0.196	ppbv	
72) 4-Ethyltoluene	15.99	105	97160m	0.348	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	79532	0.292	ppbv	89
74) 1,2,4-Trimethylbenzene	16.91	105	340330	1.149	ppbv #	72
79) Naphthalene	22.40	128	293700	1.067	ppbv #	94
80) Naphthalene,2-methyl-	25.11	142	17988	0.172	ppbv #	82

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

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