

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034027.D
 Acq On : 11 Jul 2019 21:25
 Operator : SY/AP
 Sample : K3747-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NVS-1

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 10:47:11 PM

Quant Time: Jul 12 07:57:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	1119858	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2894316	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.20	117	3036252	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.53	95	2584037	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	22330	0.097	ppbv	92
4) Chloromethane	3.15	50	32420	0.408	ppbv	90
9) Propene	3.02	41	4854919	95.435	ppbv	94
10) Heptane	8.21	43	450020	3.533	ppbv	99
11) Trichlorofluoromethane	3.98	101	63014	0.242	ppbv	96
13) Ethanol	3.64	45	1454453	92.032	ppbv	93
15) Acetone	3.88	43	10019851	53.217	ppbv #	64
17) tert-Butyl alcohol	4.35	59	306108	2.039	ppbv #	94
20) Methylene Chloride	4.39	84	169217	2.061	ppbv	94
26) Hexane	5.75	57	913884	7.755	ppbv #	43
27) Carbon Disulfide	4.59	76	1244264	6.211	ppbv	98
29) Chloroform	5.83	83	70197m	0.317	ppbv	
30) Cyclohexane	7.21	84	167360	1.839	ppbv #	91
34) 2-Butanone	5.30	43	2617191	17.086	ppbv	100
36) Benzene	6.97	78	818019	3.612	ppbv	95
38) Trichloroethene	7.93	130	72523	0.720	ppbv	92
44) 2,2,4-Trimethylpentane	7.95	57	293437m	0.751	ppbv	
50) 4-Methyl-2-Pentanone	8.83	43	249501	1.098	ppbv	99
51) 2-Hexanone	10.23	43	421973	2.302	ppbv #	83
52) Tetrachloroethene	11.33	164	15666m	0.161	ppbv	
53) Toluene	9.91	91	4439160	17.124	ppbv	99
58) Ethyl Benzene	12.82	91	1297591	3.554	ppbv	100
59) m/p-Xylene	13.08	91	4338126	13.122	ppbv	98
60) o-Xylene	13.81	91	1535640	4.643	ppbv	99
62) Isopropylbenzene	14.78	105	121141m	0.238	ppbv	
64) n-propylbenzene	15.68	120	113177m	0.858	ppbv	
65) tert-Butylbenzene	16.88	119	223357	0.517	ppbv #	75
70) n-Butylbenzene	18.68	91	174857m	0.333	ppbv	
72) 4-Ethyltoluene	15.96	105	687898	1.620	ppbv	98
73) 1,3,5-Trimethylbenzene	16.12	105	540035m	1.367	ppbv	
74) 1,2,4-Trimethylbenzene	16.88	105	1995914	4.560	ppbv #	75
79) Naphthalene	22.35	128	462458m	1.257	ppbv	
80) Naphthalene,2-methyl-	25.08	142	92221	0.689	ppbv #	93

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

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