

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033908.D
 Acq On : 13 Jun 2019 22:08
 Operator : SY/AP
 Sample : K3357-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:12 AM

Quant Time: Jun 14 07:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	889060	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.29	114	2092165	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2373366	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.56	95	1776146	9.11	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	15629m	0.108	ppbv	
4) Chloromethane	3.16	50	35836	0.600	ppbv #	83
7) Chloroethane	3.59	64	12631	0.577	ppbv #	78
9) Propene	3.03	41	391759	10.003	ppbv	97
10) Heptane	8.23	43	310460	3.136	ppbv	97
11) Trichlorofluoromethane	4.00	101	52867	0.284	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	11683m	0.093	ppbv	
13) Ethanol	3.66	45	632134	49.611	ppbv	96
15) Acetone	3.89	43	27184968m	209.654	ppbv	
17) tert-Butyl alcohol	4.36	59	3376822	33.314	ppbv	98
19) Isopropyl Alcohol	4.03	45	3511710	47.408	ppbv #	94
26) Hexane	5.77	57	255772	2.845	ppbv #	32
27) Carbon Disulfide	4.61	76	622819	4.986	ppbv	98
29) Chloroform	5.85	83	47114	0.306	ppbv	94
30) Cyclohexane	7.24	84	50340	0.792	ppbv #	85
32) 1,1,1-Trichloroethane	6.62	97	7135m	0.048	ppbv	
34) 2-Butanone	5.32	43	6919439	58.625	ppbv	95
36) Benzene	7.00	78	424334	2.655	ppbv	97
38) Trichloroethene	7.96	130	31471m	0.506	ppbv	
41) Tetrahydrofuran	6.14	42	592066	9.883	ppbv	98
44) 2,2,4-Trimethylpentane	7.98	57	508007	1.787	ppbv #	81
50) 4-Methyl-2-Pentanone	8.86	43	227795	1.294	ppbv	97
51) 2-Hexanone	10.25	43	951621	6.924	ppbv #	98
52) Tetrachloroethene	11.36	164	326264	5.802	ppbv	97
53) Toluene	9.94	91	1372108	7.758	ppbv	99
58) Ethyl Benzene	12.85	91	217454	0.813	ppbv	95
59) m/p-Xylene	13.11	91	542715	2.230	ppbv	100
60) o-Xylene	13.83	91	277921	1.106	ppbv	100
61) Styrene	13.67	104	127866	0.786	ppbv	96
62) Isopropylbenzene	14.81	105	181174	0.535	ppbv	99
64) n-propylbenzene	15.70	120	188630	2.175	ppbv	96
72) 4-Ethyltoluene	15.98	105	1090899	3.816	ppbv	99
73) 1,3,5-Trimethylbenzene	16.14	105	812255	2.884	ppbv	97
74) 1,2,4-Trimethylbenzene	16.91	105	1790521	5.516	ppbv #	75
79) Naphthalene	22.40	128	32088m	0.124	ppbv	

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

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