

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033793.D
 Acq On : 24 May 2019 4:03
 Operator : SY/AP
 Sample : K2929-16
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:59 AM

Quant Time: May 24 07:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 2019
 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	896496	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2337229	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2370933	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1864088	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.08	85	37070	0.196	ppbv	94
3) Chlorodifluoromethane	3.01	51	35326m	0.344	ppbv	
4) Chloromethane	3.17	50	14281	0.243	ppbv #	84
9) Propene	3.03	41	1983564	45.413	ppbv	93
10) Heptane	8.24	43	267605	2.164	ppbv	98
11) Trichlorofluoromethane	4.00	101	43515	0.241	ppbv #	82
12) 1,1,2-Trichlorotrifluoroet	4.55	101	34647	0.275	ppbv	93
13) Ethanol	3.66	45	759576	53.804	ppbv	97
15) Acetone	3.89	43	10965673	88.160	ppbv #	86
17) tert-Butyl alcohol	4.36	59	402973	4.006	ppbv	99
20) Methylene Chloride	4.41	84	89548	1.870	ppbv	98
26) Hexane	5.77	57	342268	3.644	ppbv #	43
27) Carbon Disulfide	4.62	76	321932	2.498	ppbv	99
29) Chloroform	5.85	83	28406	0.164	ppbv	88
30) Cyclohexane	7.25	84	36525m	0.463	ppbv	
34) 2-Butanone	5.33	43	1574373	10.867	ppbv	98
35) Carbon Tetrachloride	7.13	117	11858m	0.063	ppbv	
36) Benzene	7.00	78	329027	1.548	ppbv	96
38) Trichloroethene	7.96	130	5894	0.075	ppbv #	71
41) Tetrahydrofuran	6.16	42	15770	0.194	ppbv #	79
44) 2,2,4-Trimethylpentane	7.99	57	124049	0.345	ppbv #	66
50) 4-Methyl-2-Pentanone	8.87	43	96836	0.435	ppbv	97
51) 2-Hexanone	10.26	43	300372	1.727	ppbv #	99
52) Tetrachloroethene	11.37	164	10314	0.138	ppbv #	81
53) Toluene	9.94	91	2385681	10.403	ppbv	99
58) Ethyl Benzene	12.86	91	516313	1.644	ppbv	98
59) m/p-Xylene	13.11	91	1569524	5.719	ppbv	97
60) o-Xylene	13.84	91	556056	2.010	ppbv	99
61) Styrene	13.68	104	24059m	0.129	ppbv	
62) Isopropylbenzene	14.83	105	42633	0.114	ppbv	94
64) n-propylbenzene	15.71	120	36788	0.382	ppbv	87
70) n-Butylbenzene	18.73	91	92500m	0.219	ppbv	
72) 4-Ethyltoluene	15.99	105	193096	0.610	ppbv	97
73) 1,3,5-Trimethylbenzene	16.15	105	130622	0.423	ppbv	92
74) 1,2,4-Trimethylbenzene	16.92	105	486874	1.449	ppbv #	72
75) 1,3-Dichlorobenzene	17.16	146	56151	0.273	ppbv #	71
79) Naphthalene	22.42	128	69373m	0.222	ppbv	

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

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