

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033804.D
 Acq On : 28 May 2019 14:24
 Operator : SY/AP
 Sample : K2929-19
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

Manual Integrations
 APPROVED

apatel
 5/29/2019 12:40:04 PM

Quant Time: May 29 05:06:34 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	917695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2298060	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2271702	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1959572	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	28992m	0.150	ppbv	
3) Chlorodifluoromethane	3.01	51	254472m	2.421	ppbv	
4) Chloromethane	3.16	50	20374	0.339	ppbv	93
9) Propene	3.03	41	2463497	55.098	ppbv	95
10) Heptane	8.24	43	298195	2.355	ppbv	99
11) Trichlorofluoromethane	4.00	101	44778	0.243	ppbv	84
13) Ethanol	3.65	45	330774	22.889	ppbv	98
15) Acetone	3.89	43	15892106	124.815	ppbv #	69
17) tert-Butyl alcohol	4.36	59	362110	3.517	ppbv	99
20) Methylene Chloride	4.41	84	48190	0.983	ppbv #	93
26) Hexane	5.77	57	342747	3.564	ppbv #	42
27) Carbon Disulfide	4.61	76	315691	2.393	ppbv	99
29) Chloroform	5.85	83	218899	1.236	ppbv	100
30) Cyclohexane	7.24	84	30209m	0.374	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	11312m	0.064	ppbv	
34) 2-Butanone	5.32	43	2611099	18.331	ppbv	97
35) Carbon Tetrachloride	7.13	117	5420m	0.029	ppbv	
36) Benzene	7.00	78	367733	1.759	ppbv	97
38) Trichloroethene	7.96	130	2972m	0.038	ppbv	
41) Tetrahydrofuran	6.15	42	29133m	0.365	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	134061m	0.379	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	149377	0.682	ppbv	98
51) 2-Hexanone	10.26	43	384851	2.251	ppbv #	98
52) Tetrachloroethene	11.36	164	37126	0.505	ppbv	97
53) Toluene	9.94	91	2765061	12.263	ppbv	100
58) Ethyl Benzene	12.86	91	654041	2.174	ppbv	99
59) m/p-Xylene	13.11	91	2046152	7.781	ppbv	96
60) o-Xylene	13.84	91	672236	2.536	ppbv	98
61) Styrene	13.67	104	23926m	0.134	ppbv	
62) Isopropylbenzene	14.81	105	50429m	0.141	ppbv	
64) n-propylbenzene	15.71	120	50132m	0.543	ppbv	
70) n-Butylbenzene	18.74	91	154683m	0.383	ppbv	
72) 4-Ethyltoluene	15.99	105	244561	0.807	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.15	105	179771m	0.608	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	639604	1.987	ppbv #	76
79) Naphthalene	22.42	128	125250	0.419	ppbv #	91

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

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