

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037006.D
 Acq On : 20 May 2021 00:29
 Operator : SY/AP
 Sample : M2424-10
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-08

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:02:16 PM

Quant Time: May 22 22:45:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1126239	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3465486	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3241922	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2546485	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	37936	0.199	ppbv	92
3) Chlorodifluoromethane	2.97	51	58126	0.282	ppbv #	88
4) Chloromethane	3.12	50	59620	0.849	ppbv	97
9) Propene	2.99	41	1287177	17.422	ppbv	93
10) Heptane	8.10	43	1296327	7.040	ppbv	96
11) Trichlorofluoromethane	3.93	101	42514	0.240	ppbv	99
13) Ethanol	3.60	45	691005	70.097	ppbv	93
15) Acetone	3.83	43	24748920	214.542	ppbv #	71
17) tert-Butyl alcohol	4.29	59	486680	4.606	ppbv	96
19) Isopropyl Alcohol	3.96	45	634732	10.236	ppbv #	30
20) Methylene Chloride	4.33	84	3610317	58.385	ppbv	95
24) 1,1-Dichloroethane	5.00	63	205899	1.562	ppbv	100
26) Hexane	5.66	57	4540492	32.063	ppbv #	43
27) Carbon Disulfide	4.53	76	1622734	11.370	ppbv	98
29) Chloroform	5.74	83	85913	0.429	ppbv	99
30) Cyclohexane	7.11	84	420505	3.494	ppbv #	76
32) 1,1,1-Trichloroethane	6.49	97	44330m	0.206	ppbv	
34) 2-Butanone	5.22	43	3954215	31.336	ppbv	100
35) Carbon Tetrachloride	7.00	117	8199m	0.036	ppbv	
36) Benzene	6.87	78	893938	2.995	ppbv	99
38) Trichloroethene	7.82	130	12665m	0.099	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	167601	0.805	ppbv	97
51) 2-Hexanone	10.10	43	742638	6.746	ppbv #	73
52) Tetrachloroethene	11.20	164	36959	0.311	ppbv	96
53) Toluene	9.78	91	1082338	3.047	ppbv	98
58) Ethyl Benzene	12.68	91	271808	0.594	ppbv	95
59) m/p-Xylene	12.94	91	458520	1.212	ppbv	94
60) o-Xylene	13.66	91	204732	0.568	ppbv	96
61) Styrene	13.50	104	80572m	0.396	ppbv	
62) Isopropylbenzene	14.64	105	99308	0.192	ppbv	99
64) n-propylbenzene	15.54	120	36554	0.273	ppbv #	54
72) 4-Ethyltoluene	15.81	105	188965	0.441	ppbv #	89
73) 1,3,5-Trimethylbenzene	15.98	105	220780	0.549	ppbv	92
74) 1,2,4-Trimethylbenzene	16.74	105	584160	1.405	ppbv #	72

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

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