

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
 Data File : VL039059.D
 Acq On : 14 May 2022 5:56
 Operator : SY/AP
 Sample : N2828-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 07:35:01 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Bromochloromethane	5.66	49	953947	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2636859	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2280254	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1712546	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	45029	0.301	ppbv	96
3) Chlorodifluoromethane	2.99	51	120093m	1.015	ppbv	
4) Chloromethane	3.14	50	23731m	0.400	ppbv	
7) Chloroethane	3.56	64	4558m	0.252	ppbv	
9) Propene	3.02	41	196683	3.805	ppbv #	78
10) Heptane	8.11	43	147766	1.165	ppbv	97
11) Trichlorofluoromethane	3.95	101	30094	0.235	ppbv	100
13) Ethanol	3.59	45	766727	209.587	ppbv	88
15) Acetone	3.84	43	3358050	37.318	ppbv	94
17) tert-Butyl alcohol	4.29	59	72283	1.045	ppbv #	92
19) Isopropyl Alcohol	3.96	45	292363m	6.833	ppbv	
20) Methylene Chloride	4.34	84	52345	1.543	ppbv	94
23) Vinyl Acetate	5.06	43	3576280	50.229	ppbv	98
24) 1,1-Dichloroethane	5.01	63	46829	0.571	ppbv	99
26) Hexane	5.68	57	1164170	12.165	ppbv #	24
27) Carbon Disulfide	4.55	76	88941	0.978	ppbv	95
28) Methyl tert-Butyl Ether	5.03	73	20975m	0.288	ppbv	
29) Chloroform	5.74	83	98995	0.639	ppbv	99
30) Cyclohexane	7.12	84	9648m	0.120	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	81002	0.523	ppbv	98
34) 2-Butanone	5.23	43	973005	7.233	ppbv	94
36) Benzene	6.88	78	85801	0.380	ppbv #	89
38) Trichloroethene	7.81	130	30733m	0.306	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	68522m	0.290	ppbv	
51) 2-Hexanone	10.11	43	783966	4.554	ppbv #	99
52) Tetrachloroethene	11.21	164	735589	9.122	ppbv	92
53) Toluene	9.79	91	187674	0.742	ppbv	98
58) Ethyl Benzene	12.70	91	40800m	0.124	ppbv	
59) m/p-Xylene	12.95	91	117615m	0.420	ppbv	
60) o-Xylene	13.67	91	56664	0.215	ppbv	97
61) Styrene	13.51	104	17037	0.121	ppbv #	73
62) Isopropylbenzene	14.65	105	132108	0.343	ppbv	97
72) 4-Ethyltoluene	15.82	105	28675	0.095	ppbv #	90
73) 1,3,5-Trimethylbenzene	15.98	105	31107m	0.115	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	106546m	0.360	ppbv	

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

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