

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039062.D
 Acq On : 14 May 2022 7:55
 Operator : SY/AP
 Sample : N2828-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7DL

Quant Time: May 14 08:44:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 14 08:44:36 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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 Dadoda
 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.655	49	886906	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2506475	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	2102538	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1533332	9.209	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.070	85	521	0.004	ppbv	90
3) Chlorodifluoromethane	2.983	51	11974	0.109	ppbv #	84
5) Vinyl Chloride	3.263	62	34	0.001	ppbv #	1
6) Bromomethane	3.472	94	54	0.002	ppbv #	1
7) Chloroethane	3.555	64	69	0.004	ppbv #	45
8) Dichlorotetrafluoroethane	3.179	85	109	0.001	ppbv #	16
9) Propene	3.015	41	15534m	0.323	ppbv	
10) Heptane	8.095	43	2124	0.018	ppbv #	1
11) Trichlorofluoromethane	3.944	101	1024	0.009	ppbv #	31
12) 1,1,2-Trichlorotrifluo...	4.481	101	312	0.004	ppbv #	1
13) Ethanol	3.607	45	82293m	24.195	ppbv	
15) Acetone	3.848	43	152336	1.821	ppbv	99
16) 1,3-Butadiene	3.327	39	600	0.012	ppbv #	78
17) tert-Butyl alcohol	4.279	59	143	0.002	ppbv #	70
18) 1,1-Dichloroethene	4.295	96	181	0.005	ppbv #	1
19) Isopropyl Alcohol	3.964	45	68252	1.716	ppbv #	90
20) Methylene Chloride	4.333	84	15650m	0.496	ppbv	
21) Allyl Chloride	4.404	41	144	0.003	ppbv #	19
22) trans-1,2-Dichloroethene	4.835	96	33	0.001	ppbv #	1
23) Vinyl Acetate	5.060	43	1837	0.028	ppbv #	8
24) 1,1-Dichloroethane	5.041	63	150	0.002	ppbv #	89
26) Hexane	5.677	57	19287m	0.217	ppbv	
27) Carbon Disulfide	4.475	76	69	0.001	ppbv #	1
28) Methyl tert-Butyl Ether	5.037	73	196	0.003	ppbv #	52
29) Chloroform	5.742	83	430	0.003	ppbv #	24
30) Cyclohexane	7.121	84	315	0.004	ppbv #	1
31) cis-1,2-Dichloroethene	5.655	61	89	0.001	ppbv #	27
32) 1,1,1-Trichloroethane	6.500	97	83	0.001	ppbv	92
34) 2-Butanone	5.250	43	26571m	0.208	ppbv	
35) Carbon Tetrachloride	6.996	117	249	0.002	ppbv #	80
37) 1,2-Dichloroethane	6.288	62	38	0.000	ppbv #	1
38) Trichloroethene	7.825	130	126	0.001	ppbv #	55
40) 1,4-Dioxane	7.796	88	163	0.005	ppbv #	1
41) Tetrahydrofuran	6.031	42	131	0.002	ppbv #	36
42) Bromodichloromethane	7.767	83	48	0.000	ppbv #	24
43) Methyl Methacrylate	8.021	69	169	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.851	57	6652	0.018	ppbv #	1
45) t-1,3-Dichloropropene	9.295	75	78	0.001	ppbv #	44
46) cis-1,3-Dichloropropene	8.983	75	80	0.001	ppbv #	1
47) 1,1,2-Trichloroethane	9.410	97	106	0.001	ppbv #	14
48) Dibromochloromethane	10.655	129	67	0.000	ppbv #	1
49) Bromoform	13.423	173	112	0.001	ppbv #	49
50) 4-Methyl-2-Pentanone	8.713	43	242	0.001	ppbv #	39

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51) 2-Hexanone	10.102	43	218	0.001	ppbv	#	28
52) Tetrachloroethene	11.198	164	217	0.003	ppbv	#	8
53) Toluene	9.790	91	117050m	0.487	ppbv		
54) 1,2-Dibromoethane	10.667	107	149	0.001	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	11.696	131	78	0.001	ppbv	#	1
57) Chlorobenzene	12.121	112	82	0.001	ppbv	#	17
59) m/p-Xylene	12.944	91	77745m	0.301	ppbv		
61) Styrene	13.503	104	470	0.004	ppbv	#	25
62) Isopropylbenzene	14.645	105	273	0.001	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.735	83	75	0.001	ppbv	#	54
64) n-propylbenzene	15.500	120	41	0.000	ppbv		82
65) tert-Butylbenzene	16.725	119	294	0.001	ppbv	#	15
66) Benzyl Chloride	16.963	91	93	0.002	ppbv	#	1
67) sec-Butylbenzene	17.259	105	133	0.000	ppbv	#	60
69) p-Isopropyltoluene	17.625	119	132	0.000	ppbv	#	1
70) n-Butylbenzene	18.529	91	432	0.001	ppbv	#	28
71) 2-Chlorotoluene	15.304	91	364	0.001	ppbv		73
72) 4-Ethyltoluene	15.809	105	1339	0.005	ppbv	#	1
73) 1,3,5-Trimethylbenzene	15.976	105	1945	0.008	ppbv	#	48
75) 1,3-Dichlorobenzene	16.966	146	47	0.000	ppbv	#	22
76) 1,4-Dichlorobenzene	17.111	146	97	0.001	ppbv	#	42
78) Hexachloro-1,3-Butadiene	22.985	225	64	0.000	ppbv	#	18
79) Naphthalene	22.146	128	67	0.000	ppbv	#	69
80) Naphthalene,2-methyl-	25.078	142	188	0.003	ppbv	#	70
81) 1,2,4-Trichlorobenzene	21.493	180	77	0.001	ppbv	#	11

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

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