

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081211.D
 Acq On : 27 Feb 2024 11:44
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Quant Time: Feb 28 04:14:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	275879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	466541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173759	51.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.780%			
35) Dibromofluoromethane	8.171	113	149725	51.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	10.570	98	487337	46.862	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.720%			
62) 4-Bromofluorobenzene	12.853	95	187914	48.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77731	21.787	ug/l	95
3) Chloromethane	2.365	50	73948	18.247	ug/l	95
4) Vinyl Chloride	2.518	62	81898	20.666	ug/l	100
5) Bromomethane	2.965	94	53720	19.085	ug/l	95
6) Chloroethane	3.124	64	56241	21.446	ug/l	97
7) Trichlorofluoromethane	3.500	101	125923	21.750	ug/l	89
8) Diethyl Ether	3.959	74	45029	21.273	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	72742	22.538	ug/l	94
10) Methyl Iodide	4.588	142	59977	16.648	ug/l	99
11) Tert butyl alcohol	5.518	59	67758	108.958	ug/l #	89
12) 1,1-Dichloroethene	4.353	96	64686	20.734	ug/l	81
13) Acrolein	4.188	56	34106	102.325	ug/l	99
14) Allyl chloride	5.030	41	96896	20.932	ug/l	90
15) Acrylonitrile	5.724	53	188397	115.999	ug/l	99
16) Acetone	4.430	43	139151	104.582	ug/l	99
17) Carbon Disulfide	4.718	76	154905	17.801	ug/l	98
18) Methyl Acetate	5.024	43	88570	27.287	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	236677	22.150	ug/l	99
20) Methylene Chloride	5.288	84	78916	22.414	ug/l	86
21) trans-1,2-Dichloroethene	5.788	96	71988	20.681	ug/l	87
22) Diisopropyl ether	6.677	45	242665	23.109	ug/l #	95
23) Vinyl Acetate	6.606	43	927414m	108.855	ug/l	
24) 1,1-Dichloroethane	6.577	63	138316	22.780	ug/l #	96
25) 2-Butanone	7.482	43	243096	113.092	ug/l	93
26) 2,2-Dichloropropane	7.494	77	119570	21.017	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	85751	21.204	ug/l	90
28) Bromochloromethane	7.818	49	58441	23.217	ug/l #	65
29) Tetrahydrofuran	7.841	42	163022	113.611	ug/l #	87
30) Chloroform	7.965	83	148411	22.993	ug/l	98
31) Cyclohexane	8.259	56	120682	20.669	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	129890	22.096	ug/l	94
36) 1,1-Dichloropropene	8.376	75	104602	20.853	ug/l	95
37) Ethyl Acetate	7.571	43	103425	22.845	ug/l	100
38) Carbon Tetrachloride	8.365	117	108710	21.420	ug/l	93
39) Methylcyclohexane	9.600	83	117707	20.129	ug/l	87
40) Benzene	8.606	78	314728	21.676	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	60766	23.584	ug/l	94
42) 1,2-Dichloroethane	8.676	62	112006	22.111	ug/l	97
43) Isopropyl Acetate	8.688	43	175350	22.146	ug/l #	93
44) Trichloroethene	9.359	130	76779	19.854	ug/l	98
45) 1,2-Dichloropropane	9.623	63	82228	22.640	ug/l	94
46) Dibromomethane	9.706	93	58623	22.153	ug/l	92
47) Bromodichloromethane	9.888	83	113023	22.551	ug/l #	96
48) Methyl methacrylate	9.682	41	80951	21.972	ug/l	89
49) 1,4-Dioxane	9.700	88	30497	426.948	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	531139	116.613	ug/l	95
52) Toluene	10.635	92	198300	21.573	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	117866	21.162	ug/l	96
54) cis-1,3-Dichloropropene	10.317	75	130241	21.644	ug/l	91
55) 1,1,2-Trichloroethane	11.017	97	80610	22.801	ug/l	91
56) Ethyl methacrylate	10.876	69	118408	21.914	ug/l	90
57) 1,3-Dichloropropane	11.164	76	139104	22.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	247859	91.426	ug/l #	89
59) 2-Hexanone	11.200	43	397354	110.040	ug/l	95
60) Dibromochloromethane	11.359	129	80870	21.532	ug/l	97
61) 1,2-Dibromoethane	11.470	107	81169	21.833	ug/l	100
64) Tetrachloroethene	11.106	164	76396	23.993	ug/l	96
65) Chlorobenzene	11.894	112	214406	21.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	76124	20.990	ug/l	98
67) Ethyl Benzene	11.964	91	376863	20.858	ug/l	100
68) m/p-Xylenes	12.076	106	284203	41.037	ug/l	98
69) o-Xylene	12.400	106	140663	20.490	ug/l	95
70) Styrene	12.411	104	229948	21.138	ug/l	95
71) Bromoform	12.582	173	49947	21.707	ug/l #	93
73) Isopropylbenzene	12.700	105	361925	20.006	ug/l	98
74) N-amyl acetate	12.494	43	148119	19.372	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	107015	21.037	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	102391m	21.795	ug/l	
77) Bromobenzene	12.982	156	80373	19.925	ug/l	79
78) n-propylbenzene	13.035	91	431453	20.717	ug/l	97
79) 2-Chlorotoluene	13.129	91	255375	19.992	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	306328	20.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	35252	19.314	ug/l #	79
82) 4-Chlorotoluene	13.223	91	258362	20.685	ug/l	97
83) tert-Butylbenzene	13.441	119	263655	20.788	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	310358	21.233	ug/l	96
85) sec-Butylbenzene	13.617	105	381551	21.639	ug/l	95
86) p-Isopropyltoluene	13.735	119	300831	20.541	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	150747	19.779	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	150604	20.110	ug/l	98
89) n-Butylbenzene	14.058	91	267407	20.958	ug/l	98
90) Hexachloroethane	14.335	117	52623	21.738	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	151079	20.552	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20574	19.453	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	79925	19.489	ug/l	100
94) Hexachlorobutadiene	15.505	225	30964	20.245	ug/l	95
95) Naphthalene	15.647	128	283646	18.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	81579	20.052	ug/l	99

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

