

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083412.D
 Acq On : 21 Aug 2024 16:42
 Operator : JC\MD
 Sample : VN0821WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 22 01:48:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115968	56.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.680%			
35) Dibromofluoromethane	8.165	113	86216	55.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.220%			
50) Toluene-d8	10.565	98	308441	52.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.847	95	121530	53.415	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30522	18.777	ug/l	99
3) Chloromethane	2.359	50	32385	19.460	ug/l	99
4) Vinyl Chloride	2.512	62	34296	20.196	ug/l	100
5) Bromomethane	2.900	94	17028	16.160	ug/l	96
6) Chloroethane	3.059	64	25329	23.841	ug/l	97
7) Trichlorofluoromethane	3.459	101	60970	21.734	ug/l	99
8) Diethyl Ether	3.959	74	22181	21.249	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.353	101	33555	21.695	ug/l	98
10) Methyl Iodide	4.571	142	39997	19.659	ug/l #	97
11) Tert butyl alcohol	5.541	59	39753	93.753	ug/l #	87
12) 1,1-Dichloroethene	4.324	96	30521	19.208	ug/l	98
13) Acrolein	4.177	56	25080	90.754	ug/l	96
14) Allyl chloride	5.012	41	56248	18.732	ug/l	90
15) Acrylonitrile	5.724	53	89458	102.583	ug/l	99
16) Acetone	4.430	43	75370	94.404	ug/l	98
17) Carbon Disulfide	4.689	76	72813	15.661	ug/l	100
18) Methyl Acetate	5.024	43	62088	26.102	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	122413	21.343	ug/l	97
20) Methylene Chloride	5.271	84	37441	20.377	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	32652	19.882	ug/l	89
22) Diisopropyl ether	6.665	45	124208	22.006	ug/l	97
23) Vinyl Acetate	6.600	43	577080	99.747	ug/l	97
24) 1,1-Dichloroethane	6.559	63	68711	22.333	ug/l	99
25) 2-Butanone	7.482	43	118219	96.436	ug/l	91
26) 2,2-Dichloropropane	7.488	77	56838	19.893	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	40116	20.243	ug/l	94
28) Bromochloromethane	7.818	49	25005	19.888	ug/l	86
29) Tetrahydrofuran	7.841	42	77678	98.023	ug/l	89
30) Chloroform	7.965	83	73074	22.862	ug/l	95
31) Cyclohexane	8.253	56	55747	18.437	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	65601	21.683	ug/l	99
36) 1,1-Dichloropropene	8.365	75	46560	19.673	ug/l	99
37) Ethyl Acetate	7.559	43	49244	18.584	ug/l #	95
38) Carbon Tetrachloride	8.359	117	56664	21.257	ug/l	93
39) Methylcyclohexane	9.600	83	51763	17.807	ug/l	97
40) Benzene	8.600	78	148558	21.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28797	19.113	ug/l	94
42) 1,2-Dichloroethane	8.665	62	57757	22.488	ug/l	99
43) Isopropyl Acetate	8.688	43	90062	18.170	ug/l #	94
44) Trichloroethene	9.353	130	33474	19.947	ug/l	97
45) 1,2-Dichloropropane	9.624	63	37391	22.342	ug/l	100
46) Dibromomethane	9.712	93	26814	22.384	ug/l	98
47) Bromodichloromethane	9.888	83	56702	21.081	ug/l	95
48) Methyl methacrylate	9.682	41	40987	18.709	ug/l	94
49) 1,4-Dioxane	9.700	88	15487	391.841	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	253274	101.075	ug/l	93
52) Toluene	10.629	92	91446	20.528	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	54244	19.633	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	57463	19.554	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	35222	22.063	ug/l	98
56) Ethyl methacrylate	10.871	69	58055	19.290	ug/l	91
57) 1,3-Dichloropropane	11.165	76	62755	22.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	113903	89.537	ug/l	96
59) 2-Hexanone	11.194	43	189927	97.971	ug/l	95
60) Dibromochloromethane	11.359	129	41508	21.505	ug/l	97
61) 1,2-Dibromoethane	11.470	107	35417	21.119	ug/l	99
64) Tetrachloroethene	11.106	164	28758	19.919	ug/l	96
65) Chlorobenzene	11.894	112	97255	20.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36165	21.286	ug/l	98
67) Ethyl Benzene	11.965	91	173965	19.685	ug/l	97
68) m/p-Xylenes	12.070	106	128854	38.924	ug/l	96
69) o-Xylene	12.400	106	64495	19.754	ug/l	98
70) Styrene	12.412	104	107159	19.541	ug/l	98
71) Bromoform	12.582	173	26356	20.477	ug/l #	97
73) Isopropylbenzene	12.694	105	164761	17.840	ug/l	99
74) N-amyl acetate	12.494	43	75454	16.702	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	53190	20.362	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	46252m	19.085	ug/l	
77) Bromobenzene	12.982	156	39086	19.051	ug/l	95
78) n-propylbenzene	13.035	91	186720	17.558	ug/l	99
79) 2-Chlorotoluene	13.123	91	126866	18.816	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	141247	18.267	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	15941	14.308	ug/l	97
82) 4-Chlorotoluene	13.223	91	123106	18.203	ug/l	98
83) tert-Butylbenzene	13.441	119	127268	18.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141691	18.183	ug/l	100
85) sec-Butylbenzene	13.617	105	165576	17.721	ug/l	99
86) p-Isopropyltoluene	13.729	119	138220	17.916	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	72789	18.855	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	74817	19.224	ug/l	97
89) n-Butylbenzene	14.053	91	117884	17.635	ug/l	99
90) Hexachloroethane	14.329	117	26921	18.062	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	74380	19.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11133	17.564	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	37858	18.089	ug/l	98
94) Hexachlorobutadiene	15.500	225	15289	16.426	ug/l	95
95) Naphthalene	15.641	128	128103	17.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38483	18.583	ug/l	96

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

