

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084532.D
 Acq On : 28 Oct 2024 12:18
 Operator : JC\MD
 Sample : VN1028WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2024
 Supervised By :Semsettin Yesilyurt 10/29/2024

Quant Time: Oct 28 14:14:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122667	52.389	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.780%			
35) Dibromofluoromethane	8.165	113	99307	56.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.900%			
50) Toluene-d8	10.565	98	348548	53.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.847	95	132937	56.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32114	17.192	ug/l	97
3) Chloromethane	2.359	50	38936	18.255	ug/l	97
4) Vinyl Chloride	2.512	62	38348	18.562	ug/l	96
5) Bromomethane	2.959	94	25637	18.813	ug/l	93
6) Chloroethane	3.124	64	24820	16.775	ug/l	91
7) Trichlorofluoromethane	3.501	101	65549	20.375	ug/l	97
8) Diethyl Ether	3.959	74	23136	19.390	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	38968	21.139	ug/l	99
10) Methyl Iodide	4.589	142	44622	18.797	ug/l	94
11) Tert butyl alcohol	5.530	59	34117	88.367	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	35338	19.875	ug/l	88
13) Acrolein	4.177	56	44580	100.579	ug/l	98
14) Allyl chloride	5.024	41	55050	17.827	ug/l	96
15) Acrylonitrile	5.712	53	99064	101.607	ug/l	100
16) Acetone	4.424	43	99525	98.948	ug/l	99
17) Carbon Disulfide	4.712	76	94208	16.735	ug/l	99
18) Methyl Acetate	5.030	43	50881	23.209	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	119740	19.953	ug/l	99
20) Methylene Chloride	5.277	84	42221	20.650	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	37489	20.125	ug/l	94
22) Diisopropyl ether	6.671	45	130862	20.488	ug/l	98
23) Vinyl Acetate	6.606	43	444486	93.823	ug/l	99
24) 1,1-Dichloroethane	6.571	63	74124	20.752	ug/l	99
25) 2-Butanone	7.483	43	134417	98.117	ug/l	99
26) 2,2-Dichloropropane	7.489	77	65625	20.376	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44862	19.930	ug/l	99
28) Bromochloromethane	7.812	49	27270	17.111	ug/l	96
29) Tetrahydrofuran	7.841	42	84458	99.900	ug/l	98
30) Chloroform	7.965	83	79062	21.308	ug/l	91
31) Cyclohexane	8.259	56	61230	17.655	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	69025	20.714	ug/l	96
36) 1,1-Dichloropropene	8.365	75	52411	20.510	ug/l	98
37) Ethyl Acetate	7.559	43	52784	20.135	ug/l	99
38) Carbon Tetrachloride	8.359	117	59224	21.128	ug/l	99
39) Methylcyclohexane	9.600	83	53950	18.970	ug/l	100
40) Benzene	8.606	78	171367	21.524	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27383	19.240	ug/l	95
42) 1,2-Dichloroethane	8.671	62	57759	21.400	ug/l	99
43) Isopropyl Acetate	8.688	43	92418	17.998	ug/l	99
44) Trichloroethene	9.347	130	39058	21.005	ug/l	99
45) 1,2-Dichloropropane	9.618	63	41968	22.283	ug/l	98
46) Dibromomethane	9.706	93	29527	23.232	ug/l	100
47) Bromodichloromethane	9.888	83	61153	21.657	ug/l	98
48) Methyl methacrylate	9.677	41	39957	19.548	ug/l	100
49) 1,4-Dioxane	9.694	88	15204	404.028	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	270071	108.219	ug/l	99
52) Toluene	10.624	92	105264	21.682	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59595	20.704	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64963	20.983	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	39178	22.510	ug/l	94
56) Ethyl methacrylate	10.871	69	58496	20.426	ug/l	98
57) 1,3-Dichloropropane	11.159	76	68464	22.014	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	130997	98.604	ug/l	97
59) 2-Hexanone	11.194	43	198387	106.359	ug/l	98
60) Dibromochloromethane	11.359	129	46083	22.409	ug/l	97
61) 1,2-Dibromoethane	11.471	107	39773	21.992	ug/l	99
64) Tetrachloroethene	11.100	164	36325	21.772	ug/l	97
65) Chlorobenzene	11.888	112	109772	20.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	39484	21.583	ug/l	99
67) Ethyl Benzene	11.959	91	188566	20.076	ug/l	99
68) m/p-Xylenes	12.071	106	146769	42.242	ug/l	100
69) o-Xylene	12.394	106	68929	20.969	ug/l	99
70) Styrene	12.412	104	119311	21.428	ug/l	98
71) Bromoform	12.576	173	29779	22.110	ug/l #	99
73) Isopropylbenzene	12.694	105	174051	18.880	ug/l	100
74) N-amyl acetate	12.494	43	72933	17.471	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	56742	20.470	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	44770m	18.153	ug/l	
77) Bromobenzene	12.976	156	45153	20.306	ug/l	95
78) n-propylbenzene	13.035	91	210273	19.687	ug/l	99
79) 2-Chlorotoluene	13.123	91	131454	19.288	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	151668	20.169	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19152m	18.617	ug/l	
82) 4-Chlorotoluene	13.218	91	135824	19.797	ug/l	100
83) tert-Butylbenzene	13.435	119	120577	18.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	156050	20.600	ug/l	98
85) sec-Butylbenzene	13.612	105	175698	19.700	ug/l	99
86) p-Isopropyltoluene	13.729	119	141559	19.194	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	81769	19.602	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82250	19.525	ug/l	99
89) n-Butylbenzene	14.053	91	121202	18.124	ug/l	99
90) Hexachloroethane	14.329	117	27906	18.641	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	79959	19.548	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10597	18.526	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	38140	18.931	ug/l	98
94) Hexachlorobutadiene	15.500	225	18784	18.695	ug/l	97
95) Naphthalene	15.641	128	111821	16.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	37173	18.432	ug/l	99

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

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