

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082400.D
 Acq On : 31 May 2024 11:48
 Operator : JC\MD
 Sample : VN0531WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

06/03/2024

Supervised By :Mahesh

Dadoda

06/03/2024

Quant Time: May 31 22:54:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143087	50.614	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.220%			
35) Dibromofluoromethane	8.171	113	100661	53.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.960%			
50) Toluene-d8	10.565	98	366271	51.230	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.847	95	130132	50.995	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47569	18.429	ug/l	94
3) Chloromethane	2.365	50	51611	17.643	ug/l	100
4) Vinyl Chloride	2.518	62	70452	25.618	ug/l	93
5) Bromomethane	2.959	94	32394	20.493	ug/l	99
6) Chloroethane	3.124	64	34519	19.223	ug/l	99
7) Trichlorofluoromethane	3.500	101	72537	20.142	ug/l	96
8) Diethyl Ether	3.959	74	27698	21.590	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	42890	20.388	ug/l	99
10) Methyl Iodide	4.589	142	39530	18.692	ug/l	94
11) Tert butyl alcohol	5.518	59	46462	102.384	ug/l	99
12) 1,1-Dichloroethene	4.342	96	38416	19.647	ug/l #	77
13) Acrolein	4.183	56	33993	101.085	ug/l	97
14) Allyl chloride	5.024	41	80176	19.152	ug/l #	91
15) Acrylonitrile	5.718	53	123921	105.439	ug/l	99
16) Acetone	4.430	43	121361	104.649	ug/l	94
17) Carbon Disulfide	4.712	76	101661	16.098	ug/l	98
18) Methyl Acetate	5.024	43	65511	22.683	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	155215	21.718	ug/l	93
20) Methylene Chloride	5.277	84	47411	20.263	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	42418	19.907	ug/l	89
22) Diisopropyl ether	6.671	45	183604	21.004	ug/l #	90
23) Vinyl Acetate	6.606	43	694872	100.823	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	94333	20.937	ug/l	96
25) 2-Butanone	7.488	43	187953	106.896	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	82944	21.978	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	52979	21.068	ug/l	81
28) Bromochloromethane	7.818	49	41664	20.664	ug/l #	74
29) Tetrahydrofuran	7.841	42	120038	106.330	ug/l #	83
30) Chloroform	7.971	83	94967	22.072	ug/l	100
31) Cyclohexane	8.259	56	77307	17.121	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	82676	21.659	ug/l	94
36) 1,1-Dichloropropene	8.371	75	61299	19.599	ug/l	95
37) Ethyl Acetate	7.559	43	74263	21.217	ug/l #	94
38) Carbon Tetrachloride	8.359	117	70127	22.119	ug/l	98
39) Methylcyclohexane	9.600	83	64892	18.929	ug/l #	82
40) Benzene	8.606	78	197660	21.193	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	43486	21.125	ug/l	#	84
42) 1,2-Dichloroethane	8.671	62	78077	21.767	ug/l		95
43) Isopropyl Acetate	8.688	43	131659	21.228	ug/l	#	91
44) Trichloroethene	9.353	130	44626	21.064	ug/l		98
45) 1,2-Dichloropropane	9.624	63	51212	21.282	ug/l	#	86
46) Dibromomethane	9.706	93	34586	21.892	ug/l		97
47) Bromodichloromethane	9.888	83	75682	22.692	ug/l		97
48) Methyl methacrylate	9.682	41	62832	21.261	ug/l	#	81
49) 1,4-Dioxane	9.694	88	18398	444.273	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.447	43	392135	111.282	ug/l		89
52) Toluene	10.629	92	120753	21.575	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	76002	22.034	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	79606	21.803	ug/l	#	75
55) 1,1,2-Trichloroethane	11.018	97	46418	22.822	ug/l		97
56) Ethyl methacrylate	10.876	69	76069	22.028	ug/l	#	71
57) 1,3-Dichloropropane	11.165	76	83243	21.889	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	191988	107.787	ug/l		90
59) 2-Hexanone	11.194	43	288088	111.656	ug/l		89
60) Dibromochloromethane	11.359	129	53581	23.871	ug/l		97
61) 1,2-Dibromoethane	11.471	107	45910	21.976	ug/l		100
64) Tetrachloroethene	11.106	164	43150	21.312	ug/l		98
65) Chlorobenzene	11.894	112	130331	21.598	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	46584	23.436	ug/l		99
67) Ethyl Benzene	11.965	91	226253	20.959	ug/l		97
68) m/p-Xylenes	12.070	106	167586	42.359	ug/l		90
69) o-Xylene	12.400	106	82171	21.441	ug/l		91
70) Styrene	12.412	104	141494	22.228	ug/l		96
71) Bromoform	12.582	173	34968	22.510	ug/l	#	98
73) Isopropylbenzene	12.694	105	214465	21.695	ug/l		98
74) N-amyl acetate	12.494	43	110747	20.367	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	65523	22.994	ug/l		96
76) 1,2,3-Trichloropropane	12.994	75	58945m	22.507	ug/l		
77) Bromobenzene	12.976	156	52731	22.384	ug/l		91
78) n-propylbenzene	13.035	91	251721	21.504	ug/l		96
79) 2-Chlorotoluene	13.123	91	156567	21.300	ug/l		93
80) 1,3,5-Trimethylbenzene	13.176	105	173924	21.759	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	23628	21.102	ug/l	#	77
82) 4-Chlorotoluene	13.223	91	156005	21.707	ug/l		94
83) tert-Butylbenzene	13.441	119	149432	21.369	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	176334	21.563	ug/l		98
85) sec-Butylbenzene	13.617	105	206027	21.256	ug/l		99
86) p-Isopropyltoluene	13.729	119	171670	21.793	ug/l		97
87) 1,3-Dichlorobenzene	13.729	146	91232	21.376	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	93142	21.382	ug/l		97
89) n-Butylbenzene	14.059	91	147838	20.881	ug/l		99
90) Hexachloroethane	14.335	117	32774	22.456	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	90922	22.506	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13883	23.713	ug/l		82
93) 1,2,4-Trichlorobenzene	15.394	180	47991	21.192	ug/l		99
94) Hexachlorobutadiene	15.500	225	20376	20.506	ug/l		98
95) Naphthalene	15.641	128	151926	21.408	ug/l		98
96) 1,2,3-Trichlorobenzene	15.841	180	47928	21.142	ug/l		98

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

