

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083591.D
 Acq On : 31 Aug 2024 03:32
 Operator : JC\MD
 Sample : VN0830WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 05:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	168503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138683	58.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.780%			
35) Dibromofluoromethane	8.165	113	103197	57.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.780%			
50) Toluene-d8	10.565	98	375620	53.501	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.847	95	143653	55.381	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33892	19.005	ug/l	98
3) Chloromethane	2.359	50	37873	18.231	ug/l	99
4) Vinyl Chloride	2.512	62	39280	18.893	ug/l	100
5) Bromomethane	2.901	94	20201	18.483	ug/l	95
6) Chloroethane	3.077	64	25111	18.483	ug/l	94
7) Trichlorofluoromethane	3.471	101	66783	19.505	ug/l	100
8) Diethyl Ether	3.959	74	23188	18.945	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	35775	19.267	ug/l	98
10) Methyl Iodide	4.583	142	47349	18.851	ug/l	96
11) Tert butyl alcohol	5.536	59	32560	88.674	ug/l	100
12) 1,1-Dichloroethene	4.330	96	34520	18.700	ug/l	90
13) Acrolein	4.177	56	31507	90.698	ug/l	99
14) Allyl chloride	5.012	41	58867	17.886	ug/l	98
15) Acrylonitrile	5.718	53	85946	94.912	ug/l	99
16) Acetone	4.424	43	74559	79.392	ug/l	98
17) Carbon Disulfide	4.700	76	90201	16.768	ug/l #	94
18) Methyl Acetate	5.024	43	45485	18.212	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	126801	19.365	ug/l	99
20) Methylene Chloride	5.265	84	38773	18.696	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	34850	18.124	ug/l	98
22) Diisopropyl ether	6.671	45	127332	19.620	ug/l	99
23) Vinyl Acetate	6.600	43	456333	94.883	ug/l	97
24) 1,1-Dichloroethane	6.559	63	70676	19.097	ug/l	98
25) 2-Butanone	7.483	43	113162	88.501	ug/l	99
26) 2,2-Dichloropropane	7.489	77	46946	13.624	ug/l	92
27) cis-1,2-Dichloroethene	7.483	96	43807	19.092	ug/l	98
28) Bromochloromethane	7.812	49	28140	16.283	ug/l	97
29) Tetrahydrofuran	7.841	42	75235	94.860	ug/l	99
30) Chloroform	7.965	83	76129	19.524	ug/l	93
31) Cyclohexane	8.253	56	66344	18.212	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	70398	19.966	ug/l	98
36) 1,1-Dichloropropene	8.365	75	51266	18.692	ug/l	99
37) Ethyl Acetate	7.559	43	50402	18.465	ug/l	97
38) Carbon Tetrachloride	8.359	117	59653	19.063	ug/l	97
39) Methylcyclohexane	9.600	83	60858	18.492	ug/l	99
40) Benzene	8.606	78	157942	18.720	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28293	18.164	ug/l	99
42) 1,2-Dichloroethane	8.671	62	59925	19.161	ug/l	99
43) Isopropyl Acetate	8.688	43	91047	15.815	ug/l	97
44) Trichloroethene	9.353	130	37142	18.300	ug/l	98
45) 1,2-Dichloropropane	9.618	63	38365	19.520	ug/l	95
46) Dibromomethane	9.706	93	27554	19.003	ug/l	99
47) Bromodichloromethane	9.888	83	58411	18.924	ug/l	95
48) Methyl methacrylate	9.682	41	41953	18.739	ug/l	99
49) 1,4-Dioxane	9.694	88	13760	375.090	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	238590	94.021	ug/l	99
52) Toluene	10.630	92	100325	19.013	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56025	17.534	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	59905	17.862	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	36455	19.357	ug/l	97
56) Ethyl methacrylate	10.871	69	60129	19.299	ug/l	99
57) 1,3-Dichloropropane	11.159	76	63031	18.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	134560	99.394	ug/l	98
59) 2-Hexanone	11.194	43	173869	91.297	ug/l	100
60) Dibromochloromethane	11.359	129	42149	19.314	ug/l	96
61) 1,2-Dibromoethane	11.465	107	35644	18.525	ug/l	98
64) Tetrachloroethene	11.100	164	31735	18.540	ug/l	94
65) Chlorobenzene	11.888	112	103241	17.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36078	18.297	ug/l	98
67) Ethyl Benzene	11.965	91	188965	18.127	ug/l	97
68) m/p-Xylenes	12.071	106	140028	35.656	ug/l	99
69) o-Xylene	12.394	106	68718	18.104	ug/l	100
70) Styrene	12.412	104	112520	17.631	ug/l	100
71) Bromoform	12.582	173	25937	18.468	ug/l #	99
73) Isopropylbenzene	12.694	105	180445	17.606	ug/l	100
74) N-amyl acetate	12.494	43	75365	16.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	51407	17.668	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	43746m	17.111	ug/l	
77) Bromobenzene	12.982	156	40240	16.735	ug/l	99
78) n-propylbenzene	13.035	91	199175	16.808	ug/l	100
79) 2-Chlorotoluene	13.123	91	129579	16.875	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	149078	17.266	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14591	13.461	ug/l	86
82) 4-Chlorotoluene	13.218	91	127599	16.357	ug/l	100
83) tert-Butylbenzene	13.435	119	131515	17.133	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	150167	17.279	ug/l	100
85) sec-Butylbenzene	13.618	105	173738	17.028	ug/l	100
86) p-Isopropyltoluene	13.729	119	143181	16.802	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73061	15.653	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	73343	15.292	ug/l	98
89) n-Butylbenzene	14.053	91	118417	15.797	ug/l	99
90) Hexachloroethane	14.335	117	28052	16.912	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	73748	16.407	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10318	16.351	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	36440	14.296	ug/l	99
94) Hexachlorobutadiene	15.500	225	15945	15.620	ug/l	97
95) Naphthalene	15.641	128	120731	14.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36719	14.420	ug/l	99

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

