

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083669.D
 Acq On : 05 Sep 2024 12:39
 Operator : JC\MD
 Sample : VN0905WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

Quant Time: Sep 06 02:14:55 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	8.218	168	145151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117542	57.942	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.880%			
35) Dibromofluoromethane	8.165	113	82199	53.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.400%			
50) Toluene-d8	10.565	98	301520	50.055	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	12.847	95	120436	54.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	38815	25.267	ug/l	99
3) Chloromethane	2.359	50	38812	21.689	ug/l	96
4) Vinyl Chloride	2.512	62	38642	21.576	ug/l	99
5) Bromomethane	2.901	94	22727	24.139	ug/l	98
6) Chloroethane	3.065	64	27833	23.782	ug/l	94
7) Trichlorofluoromethane	3.465	101	68530	23.236	ug/l	96
8) Diethyl Ether	3.953	74	24033	22.794	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.353	101	36541	22.846	ug/l	98
10) Methyl Iodide	4.577	142	47737	22.063	ug/l	90
11) Tert butyl alcohol	5.530	59	34252	108.290	ug/l #	88
12) 1,1-Dichloroethene	4.324	96	33797	21.254	ug/l	97
13) Acrolein	4.177	56	24923	83.287	ug/l	98
14) Allyl chloride	5.012	41	60842	21.460	ug/l	97
15) Acrylonitrile	5.718	53	88642	113.638	ug/l	100
16) Acetone	4.430	43	85263	105.396	ug/l	99
17) Carbon Disulfide	4.695	76	92116	19.879	ug/l	98
18) Methyl Acetate	5.024	43	43837	20.376	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	130709	23.173	ug/l	99
20) Methylene Chloride	5.271	84	39825	22.293	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	35215	21.260	ug/l	96
22) Diisopropyl ether	6.671	45	129040	23.082	ug/l	99
23) Vinyl Acetate	6.600	43	479131	115.650	ug/l	100
24) 1,1-Dichloroethane	6.559	63	71210	22.337	ug/l	98
25) 2-Butanone	7.483	43	120595	109.488	ug/l	98
26) 2,2-Dichloropropane	7.483	77	64961	21.886	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	43860	22.190	ug/l	99
28) Bromochloromethane	7.806	49	35819	24.060	ug/l	97
29) Tetrahydrofuran	7.841	42	76730	112.310	ug/l	99
30) Chloroform	7.965	83	74351	22.136	ug/l	100
31) Cyclohexane	8.253	56	64413	20.527	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67331	22.169	ug/l	96
36) 1,1-Dichloropropene	8.371	75	49998	21.215	ug/l	98
37) Ethyl Acetate	7.559	43	48591	20.717	ug/l	99
38) Carbon Tetrachloride	8.359	117	59634	22.178	ug/l	99
39) Methylcyclohexane	9.600	83	61304	21.678	ug/l	95
40) Benzene	8.600	78	159876	22.053	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29103	21.744	ug/l	98
42) 1,2-Dichloroethane	8.671	62	62258	23.167	ug/l	99
43) Isopropyl Acetate	8.682	43	90378	18.457	ug/l	97
44) Trichloroethene	9.353	130	36222	20.770	ug/l	90
45) 1,2-Dichloropropane	9.618	63	39514	23.398	ug/l	100
46) Dibromomethane	9.706	93	28309	22.721	ug/l	98
47) Bromodichloromethane	9.882	83	59331	22.371	ug/l #	97
48) Methyl methacrylate	9.682	41	42612	22.151	ug/l	97
49) 1,4-Dioxane	9.694	88	14649	464.721	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	246840	113.202	ug/l	98
52) Toluene	10.629	92	99295	21.900	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60065	21.877	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	63033	21.872	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36091	22.302	ug/l	96
56) Ethyl methacrylate	10.876	69	60427	22.571	ug/l	98
57) 1,3-Dichloropropane	11.165	76	63876	22.295	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	116963	100.545	ug/l	99
59) 2-Hexanone	11.194	43	180152	110.088	ug/l	99
60) Dibromochloromethane	11.359	129	41684	22.229	ug/l	100
61) 1,2-Dibromoethane	11.471	107	37203	22.501	ug/l	99
64) Tetrachloroethene	11.100	164	30559	20.897	ug/l	95
65) Chlorobenzene	11.888	112	102790	20.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36909	21.910	ug/l	99
67) Ethyl Benzene	11.965	91	187040	21.001	ug/l	97
68) m/p-Xylenes	12.071	106	137209	40.896	ug/l	98
69) o-Xylene	12.400	106	69221	21.347	ug/l	98
70) Styrene	12.412	104	111097	20.376	ug/l	98
71) Bromoform	12.576	173	25466	21.224	ug/l #	99
73) Isopropylbenzene	12.694	105	175512	19.253	ug/l	100
74) N-amyl acetate	12.494	43	77392	19.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	50588	19.548	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38969m	17.137	ug/l	
77) Bromobenzene	12.976	156	40198	18.796	ug/l	100
78) n-propylbenzene	13.035	91	193889	18.396	ug/l	100
79) 2-Chlorotoluene	13.123	91	127406	18.655	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	150307	19.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18372	19.056	ug/l	98
82) 4-Chlorotoluene	13.223	91	127756	18.413	ug/l	99
83) tert-Butylbenzene	13.435	119	129319	18.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	150181	19.429	ug/l	99
85) sec-Butylbenzene	13.617	105	169132	18.638	ug/l	100
86) p-Isopropyltoluene	13.729	119	143917	18.987	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	74784	18.013	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	77456	18.157	ug/l	99
89) n-Butylbenzene	14.053	91	122938	18.439	ug/l	100
90) Hexachloroethane	14.335	117	26913	18.242	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	75365	18.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10704	19.071	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	39170	17.277	ug/l	97
94) Hexachlorobutadiene	15.500	225	16686	18.378	ug/l	97
95) Naphthalene	15.641	128	125824	17.273	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	38383	16.948	ug/l	98

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

