

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083475.D
 Acq On : 26 Aug 2024 11:57
 Operator : JC\MD
 Sample : VN0826WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/27/2024

Quant Time: Aug 27 01:51:59 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	141634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117718	58.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.780%			
35) Dibromofluoromethane	8.165	113	86520	56.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.460%			
50) Toluene-d8	10.565	98	306918	53.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.847	95	123478	55.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	25977	16.174	ug/l	97
3) Chloromethane	2.360	50	31528	19.173	ug/l	95
4) Vinyl Chloride	2.512	62	32478	19.356	ug/l	94
5) Bromomethane	2.901	94	17337	16.652	ug/l	93
6) Chloroethane	3.059	64	22721	21.644	ug/l	95
7) Trichlorofluoromethane	3.459	101	59103	21.323	ug/l	94
8) Diethyl Ether	3.948	74	20347	19.727	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.348	101	31940	20.900	ug/l	99
10) Methyl Iodide	4.571	142	40007	19.901	ug/l	97
11) Tert butyl alcohol	5.542	59	35156	83.912	ug/l	96
12) 1,1-Dichloroethene	4.324	96	30573	19.473	ug/l	90
13) Acrolein	4.171	56	26631	97.529	ug/l	97
14) Allyl chloride	5.006	41	55158	18.591	ug/l	91
15) Acrylonitrile	5.718	53	81497	94.582	ug/l	99
16) Acetone	4.436	43	76224	96.626	ug/l	97
17) Carbon Disulfide	4.701	76	78322	17.049	ug/l	98
18) Methyl Acetate	5.024	43	46963	19.981	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	112436	19.840	ug/l	98
20) Methylene Chloride	5.265	84	35685	19.656	ug/l #	90
21) trans-1,2-Dichloroethene	5.783	96	30439	18.758	ug/l	94
22) Diisopropyl ether	6.671	45	110537	19.820	ug/l	97
23) Vinyl Acetate	6.600	43	581112	101.656	ug/l	96
24) 1,1-Dichloroethane	6.559	63	64193	21.117	ug/l	99
25) 2-Butanone	7.489	43	111661	92.186	ug/l	93
26) 2,2-Dichloropropane	7.483	77	58928	20.874	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	39002	19.918	ug/l	93
28) Bromochloromethane	7.812	49	27436	22.084	ug/l	91
29) Tetrahydrofuran	7.841	42	71963	91.907	ug/l	89
30) Chloroform	7.965	83	67572	21.396	ug/l	96
31) Cyclohexane	8.247	56	57260	19.166	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	63903	21.376	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44865	19.275	ug/l	99
37) Ethyl Acetate	7.565	43	47871	18.368	ug/l	95
38) Carbon Tetrachloride	8.359	117	53605	20.447	ug/l	93
39) Methylcyclohexane	9.600	83	52543	18.378	ug/l	95
40) Benzene	8.606	78	143362	20.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25827	17.429	ug/l	93
42) 1,2-Dichloroethane	8.671	62	54584	21.609	ug/l	100
43) Isopropyl Acetate	8.688	43	82137	16.714	ug/l #	93
44) Trichloroethene	9.347	130	32068	19.430	ug/l	95
45) 1,2-Dichloropropane	9.618	63	34788	21.135	ug/l	100
46) Dibromomethane	9.706	93	24914	21.147	ug/l	97
47) Bromodichloromethane	9.888	83	52752	19.941	ug/l	99
48) Methyl methacrylate	9.677	41	38221	17.739	ug/l	93
49) 1,4-Dioxane	9.700	88	13064	336.075	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	233493	94.742	ug/l	95
52) Toluene	10.630	92	87209	19.905	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	52962	19.491	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	55752	19.290	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	32354	20.606	ug/l	93
56) Ethyl methacrylate	10.877	69	53654	18.127	ug/l	90
57) 1,3-Dichloropropane	11.165	76	58135	20.773	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	103072	82.380	ug/l	96
59) 2-Hexanone	11.200	43	172302	90.369	ug/l	94
60) Dibromochloromethane	11.359	129	37111	19.549	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32909	19.952	ug/l	94
64) Tetrachloroethene	11.100	164	27502	18.895	ug/l	94
65) Chlorobenzene	11.894	112	91163	18.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	33035	19.286	ug/l	99
67) Ethyl Benzene	11.965	91	165209	18.543	ug/l	97
68) m/p-Xylenes	12.071	106	123289	36.941	ug/l	99
69) o-Xylene	12.394	106	60888	18.498	ug/l	99
70) Styrene	12.412	104	99660	18.027	ug/l	98
71) Bromoform	12.576	173	23731	18.288	ug/l #	97
73) Isopropylbenzene	12.694	105	155365	16.411	ug/l	100
74) N-amyl acetate	12.494	43	69593	15.029	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	49349	18.431	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	43409m	17.475	ug/l	
77) Bromobenzene	12.982	156	37187	17.683	ug/l	98
78) n-propylbenzene	13.035	91	177804	16.311	ug/l	100
79) 2-Chlorotoluene	13.124	91	118495	17.145	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	133511	16.845	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	15836	13.867	ug/l	98
82) 4-Chlorotoluene	13.224	91	114644	16.538	ug/l	99
83) tert-Butylbenzene	13.441	119	118208	16.841	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	135549	16.970	ug/l	98
85) sec-Butylbenzene	13.618	105	152749	15.949	ug/l	100
86) p-Isopropyltoluene	13.729	119	127344	16.103	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	68168	17.227	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	68133	17.079	ug/l	96
89) n-Butylbenzene	14.059	91	107166	15.640	ug/l	98
90) Hexachloroethane	14.329	117	26279	17.201	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	69053	18.033	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9944	15.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	32296	15.055	ug/l	97
94) Hexachlorobutadiene	15.500	225	14542	15.242	ug/l	97
95) Naphthalene	15.641	128	109664	14.431	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	32124	15.134	ug/l	97

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

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