

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083023.D
 Acq On : 24 Jul 2024 12:21
 Operator : JC\MD
 Sample : VN0724WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2024
 Supervised By : Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:35:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	181710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130181	51.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.220%
35) Dibromofluoromethane	8.165	113	105181	54.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.520%
50) Toluene-d8	10.571	98	376007	52.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.847	95	120437	46.830	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.660%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	44029	18.716	ug/l	98
3) Chloromethane	2.359	50	37202	16.675	ug/l	93
4) Vinyl Chloride	2.512	62	43172	18.425	ug/l	95
5) Bromomethane	2.959	94	32455	19.211	ug/l	89
6) Chloroethane	3.118	64	34800	21.703	ug/l	98
7) Trichlorofluoromethane	3.500	101	70206	20.832	ug/l	97
8) Diethyl Ether	3.959	74	22710	19.690	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	43794	22.961	ug/l	100
10) Methyl Iodide	4.589	142	34713	17.751	ug/l	93
11) Tert butyl alcohol	5.518	59	42867	100.057	ug/l	99
12) 1,1-Dichloroethene	4.347	96	36339	19.590	ug/l	80
13) Acrolein	4.189	56	17887	57.828	ug/l	95
14) Allyl chloride	5.018	41	56694	19.602	ug/l	94
15) Acrylonitrile	5.718	53	102207	103.807	ug/l	98
16) Acetone	4.424	43	98489	109.822	ug/l	93
17) Carbon Disulfide	4.712	76	92720	16.728	ug/l	99
18) Methyl Acetate	5.024	43	61641	25.976	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	128150	20.028	ug/l	98
20) Methylene Chloride	5.277	84	47434	21.901	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	39943	19.873	ug/l	82
22) Diisopropyl ether	6.671	45	131606	21.750	ug/l	94
23) Vinyl Acetate	6.606	43	460135	95.758	ug/l	95
24) 1,1-Dichloroethane	6.571	63	80367	21.897	ug/l	98
25) 2-Butanone	7.482	43	138927	102.595	ug/l	95
26) 2,2-Dichloropropane	7.494	77	76348	22.373	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	48902	20.782	ug/l	90
28) Bromochloromethane	7.818	49	31664	20.110	ug/l #	81
29) Tetrahydrofuran	7.841	42	84388	98.989	ug/l #	85
30) Chloroform	7.965	83	86610	22.243	ug/l	92
31) Cyclohexane	8.259	56	60066	18.037	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	75857	20.983	ug/l	97
36) 1,1-Dichloropropene	8.377	75	55006	20.581	ug/l	98
37) Ethyl Acetate	7.553	43	53705	19.737	ug/l #	81
38) Carbon Tetrachloride	8.365	117	68207	21.196	ug/l	99
39) Methylcyclohexane	9.600	83	51143	17.716	ug/l	95
40) Benzene	8.606	78	178476	21.710	ug/l	99

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41) Methacrylonitrile	7.782	41	29465	20.100	ug/l	91
42) 1,2-Dichloroethane	8.671	62	65827	22.242	ug/l	97
43) Isopropyl Acetate	8.694	43	106250	18.861	ug/l	96
44) Trichloroethene	9.353	130	42894	20.366	ug/l	98
45) 1,2-Dichloropropane	9.624	63	45392	23.650	ug/l	95
46) Dibromomethane	9.706	93	32308	21.607	ug/l	99
47) Bromodichloromethane	9.888	83	71655	23.193	ug/l	98
48) Methyl methacrylate	9.682	41	42913	20.114	ug/l	88
49) 1,4-Dioxane	9.694	88	17210	365.627	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	296351	109.861	ug/l	95
52) Toluene	10.629	92	110787	21.573	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	68220	21.434	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	71967	21.362	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	45893	24.303	ug/l	96
56) Ethyl methacrylate	10.876	69	62500	21.273	ug/l	88
57) 1,3-Dichloropropane	11.165	76	75486	22.582	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	172442	114.386	ug/l	96
59) 2-Hexanone	11.200	43	221333	110.360	ug/l	94
60) Dibromochloromethane	11.359	129	55340	23.008	ug/l	96
61) 1,2-Dibromoethane	11.470	107	44522	22.201	ug/l	100
64) Tetrachloroethene	11.106	164	40902	19.806	ug/l	97
65) Chlorobenzene	11.894	112	125199	21.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	47974	22.738	ug/l	98
67) Ethyl Benzene	11.965	91	200041	20.066	ug/l	97
68) m/p-Xylenes	12.070	106	155492	41.314	ug/l	97
69) o-Xylene	12.400	106	73705	20.438	ug/l	95
70) Styrene	12.412	104	128052	21.490	ug/l	97
71) Bromoform	12.582	173	36161	21.794	ug/l #	99
73) Isopropylbenzene	12.694	105	185461	18.953	ug/l	99
74) N-amyl acetate	12.494	43	77633	19.181	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	63225	21.574	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	55830m	24.048	ug/l	
77) Bromobenzene	12.982	156	48905	19.373	ug/l	97
78) n-propylbenzene	13.035	91	225202	20.017	ug/l	99
79) 2-Chlorotoluene	13.123	91	135868	18.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	154901	19.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23868	20.219	ug/l	91
82) 4-Chlorotoluene	13.223	91	135658	19.119	ug/l	94
83) tert-Butylbenzene	13.441	119	127895	18.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	155686	19.312	ug/l	97
85) sec-Butylbenzene	13.617	105	181286	19.131	ug/l	99
86) p-Isopropyltoluene	13.729	119	149749	18.941	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	88700	19.451	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	90477	19.185	ug/l	99
89) n-Butylbenzene	14.059	91	124118	18.325	ug/l	98
90) Hexachloroethane	14.335	117	31815	19.018	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	87635	19.792	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12687	18.713	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41703	17.486	ug/l	99
94) Hexachlorobutadiene	15.500	225	20220	19.124	ug/l	96
95) Naphthalene	15.641	128	128233	15.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43207	17.619	ug/l	99

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

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