

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081750.D
 Acq On : 16 Apr 2024 11:29
 Operator : JC\MD
 Sample : VN0416WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 03:21:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	275667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	483842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	443371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204987	52.844	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	8.165	113	166872	52.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	10.565	98	627238	53.290	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.853	95	220394	54.794	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67006	19.193	ug/l	97
3) Chloromethane	2.359	50	66658	20.944	ug/l	98
4) Vinyl Chloride	2.512	62	90939	21.284	ug/l	99
5) Bromomethane	2.959	94	54081	20.949	ug/l	92
6) Chloroethane	3.118	64	54669	20.064	ug/l	94
7) Trichlorofluoromethane	3.495	101	110311	19.993	ug/l	98
8) Diethyl Ether	3.959	74	34836	17.986	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	62820	18.178	ug/l	98
10) Methyl Iodide	4.589	142	39639	21.370	ug/l	96
11) Tert butyl alcohol	5.518	59	59352	112.166	ug/l	100
12) 1,1-Dichloroethene	4.336	96	59178	18.068	ug/l	96
13) Acrolein	4.177	56	56933	101.211	ug/l	96
14) Allyl chloride	5.018	41	74988	18.041	ug/l	98
15) Acrylonitrile	5.718	53	143218	98.075	ug/l	98
16) Acetone	4.424	43	106043	98.220	ug/l	96
17) Carbon Disulfide	4.712	76	158386	16.638	ug/l	97
18) Methyl Acetate	5.030	43	57701	19.108	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	193494	20.298	ug/l	95
20) Methylene Chloride	5.277	84	64112	18.750	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	60983	18.538	ug/l	88
22) Diisopropyl ether	6.677	45	176770	19.542	ug/l	98
23) Vinyl Acetate	6.600	43	709487	100.484	ug/l	99
24) 1,1-Dichloroethane	6.577	63	109845	18.457	ug/l	96
25) 2-Butanone	7.489	43	183094	102.872	ug/l	96
26) 2,2-Dichloropropane	7.494	77	103595	19.968	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	74346	18.475	ug/l	96
28) Bromochloromethane	7.812	49	49059	19.308	ug/l	97
29) Tetrahydrofuran	7.836	42	123650	107.382	ug/l	98
30) Chloroform	7.971	83	127024	18.822	ug/l	96
31) Cyclohexane	8.253	56	100645	18.914	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	114741	19.174	ug/l	97
36) 1,1-Dichloropropene	8.377	75	85319	19.166	ug/l	98
37) Ethyl Acetate	7.565	43	75039	20.514	ug/l	98
38) Carbon Tetrachloride	8.359	117	99509	19.214	ug/l	95
39) Methylcyclohexane	9.600	83	101026	19.264	ug/l	96
40) Benzene	8.606	78	261185	18.836	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	43566	21.940	ug/l	96
42) 1,2-Dichloroethane	8.671	62	92016	19.036	ug/l	99
43) Isopropyl Acetate	8.688	43	133004	19.490	ug/l	99
44) Trichloroethene	9.353	130	68976	19.128	ug/l	98
45) 1,2-Dichloropropane	9.618	63	60804	19.019	ug/l	97
46) Dibromomethane	9.706	93	48644	18.230	ug/l	99
47) Bromodichloromethane	9.888	83	95843	18.803	ug/l	100
48) Methyl methacrylate	9.683	41	60905	21.897	ug/l	98
49) 1,4-Dioxane	9.694	88	30434	436.270	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	409255	107.821	ug/l	99
52) Toluene	10.630	92	174433	19.804	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	99239	19.544	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	104969	19.406	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65937	19.928	ug/l	99
56) Ethyl methacrylate	10.877	69	100956	22.176	ug/l	96
57) 1,3-Dichloropropane	11.165	76	108094	19.517	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	216614	89.924	ug/l	99
59) 2-Hexanone	11.194	43	315656	114.878	ug/l	100
60) Dibromochloromethane	11.359	129	79525	19.885	ug/l	99
61) 1,2-Dibromoethane	11.471	107	67508	19.560	ug/l	99
64) Tetrachloroethene	11.106	164	70190	18.659	ug/l	97
65) Chlorobenzene	11.894	112	193602	18.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	67611	19.427	ug/l	99
67) Ethyl Benzene	11.965	91	319863	19.918	ug/l	97
68) m/p-Xylenes	12.071	106	257464	41.229	ug/l	97
69) o-Xylene	12.400	106	124284	20.768	ug/l	98
70) Styrene	12.412	104	201781	20.581	ug/l	98
71) Bromoform	12.576	173	51010	18.995	ug/l #	96
73) Isopropylbenzene	12.700	105	318726	20.272	ug/l	100
74) N-amyl acetate	12.494	43	114623	20.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	85767	18.568	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	82092m	19.220	ug/l	
77) Bromobenzene	12.982	156	73842	18.422	ug/l	97
78) n-propylbenzene	13.035	91	367717	20.155	ug/l	100
79) 2-Chlorotoluene	13.129	91	222821	19.593	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	265205	20.649	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32132	18.752	ug/l	93
82) 4-Chlorotoluene	13.223	91	215751	19.204	ug/l	99
83) tert-Butylbenzene	13.441	119	232327	20.653	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	267641	20.659	ug/l	99
85) sec-Butylbenzene	13.618	105	324117	20.648	ug/l	99
86) p-Isopropyltoluene	13.729	119	268487	20.868	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	138146	18.440	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	140465	18.386	ug/l	96
89) n-Butylbenzene	14.059	91	222048	19.739	ug/l	98
90) Hexachloroethane	14.335	117	50303	18.367	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	136974	18.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20610	22.849	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	73072	19.130	ug/l	98
94) Hexachlorobutadiene	15.506	225	28788	17.484	ug/l	94
95) Naphthalene	15.641	128	260064	21.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	72649	18.602	ug/l	97

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

