

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082974.D
 Acq On : 18 Jul 2024 13:51
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 19 00:43:01 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

07/19/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	84192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	147059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	134594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	63893	54.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.280%	
35) Dibromofluoromethane	8.171	113	50141	53.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	10.565	98	183141	52.546	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.853	95	56602	45.211	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	18785	17.234	ug/l	92
3) Chloromethane	2.365	50	16771	16.224	ug/l	98
4) Vinyl Chloride	2.518	62	19216	17.700	ug/l	100
5) Bromomethane	2.953	94	15206	19.426	ug/l	89
6) Chloroethane	3.124	64	14901	20.057	ug/l	98
7) Trichlorofluoromethane	3.500	101	29945	19.178	ug/l	96
8) Diethyl Ether	3.965	74	9666	18.088	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	17455	19.751	ug/l	97
10) Methyl Iodide	4.588	142	14900	16.445	ug/l	90
11) Tert butyl alcohol	5.518	59	15720	79.193	ug/l	97
12) 1,1-Dichloroethene	4.341	96	14902	17.339	ug/l	93
13) Acrolein	4.177	56	10638	74.229	ug/l	93
14) Allyl chloride	5.018	41	21847	16.303	ug/l #	94
15) Acrylonitrile	5.730	53	43181	94.655	ug/l	99
16) Acetone	4.430	43	38331	92.249	ug/l	92
17) Carbon Disulfide	4.712	76	40818	15.894	ug/l	99
18) Methyl Acetate	5.030	43	24192	22.003	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	51934	17.517	ug/l	97
20) Methylene Chloride	5.277	84	20037	19.967	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	16094	17.282	ug/l	86
22) Diisopropyl ether	6.671	45	55031	19.629	ug/l	96
23) Vinyl Acetate	6.606	43	198830	89.306	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	34302	20.171	ug/l	99
25) 2-Butanone	7.482	43	58075	92.563	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	29716	18.794	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	19875	18.230	ug/l	89
28) Bromochloromethane	7.812	49	15185	20.815	ug/l #	82
29) Tetrahydrofuran	7.847	42	38003	96.213	ug/l #	87
30) Chloroform	7.971	83	35855	19.874	ug/l	96
31) Cyclohexane	8.259	56	25014	16.212	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	31972	19.088	ug/l	93
36) 1,1-Dichloropropene	8.371	75	22631	17.395	ug/l	98
37) Ethyl Acetate	7.559	43	24651	18.610	ug/l	99
38) Carbon Tetrachloride	8.365	117	27270	17.408	ug/l	95
39) Methylcyclohexane	9.600	83	19781	14.075	ug/l	90
40) Benzene	8.606	78	74524	18.622	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	13328	18.677	ug/l	93
42) 1,2-Dichloroethane	8.676	62	28004	19.437	ug/l	97
43) Isopropyl Acetate	8.688	43	46053	16.448	ug/l	98
44) Trichloroethene	9.353	130	17281	16.855	ug/l	88
45) 1,2-Dichloropropane	9.623	63	18408	19.702	ug/l	98
46) Dibromomethane	9.712	93	14205	19.515	ug/l	96
47) Bromodichloromethane	9.888	83	29440	19.575	ug/l	94
48) Methyl methacrylate	9.682	41	17853	17.189	ug/l #	86
49) 1,4-Dioxane	9.700	88	7549	329.232	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	127018	96.727	ug/l	95
52) Toluene	10.629	92	47640	19.056	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	27623	17.829	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	29464	17.966	ug/l	93
55) 1,1,2-Trichloroethane	11.017	97	18260	19.863	ug/l	98
56) Ethyl methacrylate	10.876	69	25195	17.616	ug/l	90
57) 1,3-Dichloropropane	11.165	76	31421	19.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	70767	96.428	ug/l	96
59) 2-Hexanone	11.200	43	92770	95.021	ug/l	94
60) Dibromochloromethane	11.359	129	22313	19.057	ug/l	100
61) 1,2-Dibromoethane	11.470	107	18480	18.930	ug/l	96
64) Tetrachloroethene	11.106	164	17237	17.165	ug/l	97
65) Chlorobenzene	11.894	112	51765	17.948	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	18943	18.465	ug/l	99
67) Ethyl Benzene	11.964	91	80201	16.545	ug/l	98
68) m/p-Xylenes	12.076	106	62016	33.887	ug/l	98
69) o-Xylene	12.400	106	29496	16.821	ug/l	96
70) Styrene	12.412	104	50678	17.491	ug/l	97
71) Bromoform	12.582	173	14290	17.712	ug/l #	99
73) Isopropylbenzene	12.694	105	73775	16.356	ug/l	100
74) N-amyl acetate	12.494	43	32177	17.246	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	26646	19.725	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	20355m	19.020	ug/l	
77) Bromobenzene	12.982	156	20366	17.502	ug/l	93
78) n-propylbenzene	13.035	91	88478	17.061	ug/l	99
79) 2-Chlorotoluene	13.123	91	55056	16.661	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	61614	16.899	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	9024	16.584	ug/l	98
82) 4-Chlorotoluene	13.223	91	55110	16.850	ug/l	98
83) tert-Butylbenzene	13.441	119	49684	15.371	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	62745	16.885	ug/l	99
85) sec-Butylbenzene	13.617	105	70608	16.165	ug/l	100
86) p-Isopropyltoluene	13.729	119	58035	15.925	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	36055	17.152	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	36107	16.609	ug/l	98
89) n-Butylbenzene	14.058	91	46276	14.822	ug/l	98
90) Hexachloroethane	14.335	117	13318	17.271	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	34606	16.955	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5297	16.949	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	15677	14.260	ug/l	98
94) Hexachlorobutadiene	15.500	225	7522	15.434	ug/l	93
95) Naphthalene	15.641	128	49659	13.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	16406	14.514	ug/l	96

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

