

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083300.D
 Acq On : 14 Aug 2024 14:51
 Operator : JC\MD
 Sample : VN0814WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 14 23:23:41 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	148957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124519	58.729	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.460%			
35) Dibromofluoromethane	8.171	113	88647	53.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.960%			
50) Toluene-d8	10.565	98	324722	53.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.847	95	126506	52.969	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	31902	18.886	ug/l	96
3) Chloromethane	2.359	50	33006	19.085	ug/l	98
4) Vinyl Chloride	2.512	62	35107	19.895	ug/l	97
5) Bromomethane	2.954	94	20902	19.089	ug/l	88
6) Chloroethane	3.118	64	23294	21.099	ug/l	100
7) Trichlorofluoromethane	3.495	101	60341	20.699	ug/l	94
8) Diethyl Ether	3.965	74	23349	21.525	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	32903	20.472	ug/l	98
10) Methyl Iodide	4.589	142	34081	16.120	ug/l	99
11) Tert butyl alcohol	5.524	59	46648	105.868	ug/l	100
12) 1,1-Dichloroethene	4.336	96	30841	18.678	ug/l	88
13) Acrolein	4.177	56	23570	82.076	ug/l	98
14) Allyl chloride	5.018	41	60175m	19.285	ug/l	
15) Acrylonitrile	5.724	53	101986	112.542	ug/l	99
16) Acetone	4.424	43	90484	109.064	ug/l	95
17) Carbon Disulfide	4.712	76	78453	16.238	ug/l	99
18) Methyl Acetate	5.030	43	58332	23.598	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	129419	21.715	ug/l	93
20) Methylene Chloride	5.271	84	38038	19.922	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	32795	19.216	ug/l	91
22) Diisopropyl ether	6.677	45	126864	21.629	ug/l	95
23) Vinyl Acetate	6.606	43	706584	117.529	ug/l	97
24) 1,1-Dichloroethane	6.571	63	68043	21.283	ug/l	99
25) 2-Butanone	7.483	43	143105	112.337	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	58546	19.719	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	43110	20.934	ug/l	93
28) Bromochloromethane	7.812	49	30457	23.311	ug/l	85
29) Tetrahydrofuran	7.841	42	92541	112.377	ug/l #	88
30) Chloroform	7.971	83	74303	22.370	ug/l	97
31) Cyclohexane	8.259	56	58642	18.664	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	65707	20.899	ug/l	95
36) 1,1-Dichloropropene	8.377	75	46982	18.912	ug/l	97
37) Ethyl Acetate	7.565	43	58293	20.957	ug/l	96
38) Carbon Tetrachloride	8.365	117	54843	19.600	ug/l	97
39) Methylcyclohexane	9.600	83	54374	17.820	ug/l	93
40) Benzene	8.606	78	149300	20.174	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31761	20.082	ug/l	94
42) 1,2-Dichloroethane	8.671	62	60953	22.609	ug/l	99
43) Isopropyl Acetate	8.688	43	101718	19.694	ug/l	94
44) Trichloroethene	9.353	130	34966	19.850	ug/l	89
45) 1,2-Dichloropropane	9.624	63	37374	21.275	ug/l	99
46) Dibromomethane	9.712	93	27276	21.692	ug/l	97
47) Bromodichloromethane	9.894	83	59367	21.027	ug/l	98
48) Methyl methacrylate	9.683	41	46324	20.144	ug/l	93
49) 1,4-Dioxane	9.694	88	18696	450.635	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	297156	112.972	ug/l	93
52) Toluene	10.630	92	94458	20.200	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60413	20.831	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	61789	20.031	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	38003	22.678	ug/l	97
56) Ethyl methacrylate	10.877	69	64894	20.542	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	66794	22.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	131258	98.294	ug/l	96
59) 2-Hexanone	11.194	43	223217	109.692	ug/l	93
60) Dibromochloromethane	11.365	129	42122	20.790	ug/l	100
61) 1,2-Dibromoethane	11.471	107	37105	21.078	ug/l	95
64) Tetrachloroethene	11.100	164	30468	19.809	ug/l	96
65) Chlorobenzene	11.894	112	102762	20.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36939	20.407	ug/l	99
67) Ethyl Benzene	11.965	91	183753	19.517	ug/l	99
68) m/p-Xylenes	12.071	106	138109	39.159	ug/l	99
69) o-Xylene	12.400	106	69006	19.838	ug/l	99
70) Styrene	12.412	104	112930	19.330	ug/l	97
71) Bromoform	12.582	173	27428	20.002	ug/l #	99
73) Isopropylbenzene	12.694	105	173009	19.264	ug/l	98
74) N-amyl acetate	12.494	43	84935	19.335	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	54674	21.525	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	51117m	21.692	ug/l	
77) Bromobenzene	12.982	156	41167	20.635	ug/l	95
78) n-propylbenzene	13.035	91	202570	19.589	ug/l	99
79) 2-Chlorotoluene	13.123	91	129590	19.766	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	150641	20.035	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20587m	19.003	ug/l	
82) 4-Chlorotoluene	13.223	91	126446	19.227	ug/l	99
83) tert-Butylbenzene	13.441	119	129462	19.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	147503	19.467	ug/l	99
85) sec-Butylbenzene	13.618	105	171652	18.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	144390	19.247	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	72454	19.301	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	73226	19.349	ug/l	98
89) n-Butylbenzene	14.059	91	123047	18.930	ug/l	100
90) Hexachloroethane	14.335	117	26207	18.082	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	70519	19.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12292	19.942	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	37837	18.592	ug/l	98
94) Hexachlorobutadiene	15.500	225	15515	17.142	ug/l	99
95) Naphthalene	15.641	128	136537	18.940	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38366	19.052	ug/l	96

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

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