

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083348.D
 Acq On : 16 Aug 2024 12:40
 Operator : JC\MD
 Sample : VN0816WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Quant Time: Aug 17 01:43:02 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
 Supervised By :Semsettin Yesilyurt 08/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113344	54.919	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	8.171	113	82189	51.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.565	98	300925	50.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.847	95	116206	50.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31817	19.350	ug/l	98
3) Chloromethane	2.365	50	32755	19.458	ug/l	97
4) Vinyl Chloride	2.512	62	35813	20.849	ug/l	94
5) Bromomethane	2.954	94	20318	19.063	ug/l	98
6) Chloroethane	3.118	64	22793	21.210	ug/l	97
7) Trichlorofluoromethane	3.495	101	60990	21.493	ug/l	96
8) Diethyl Ether	3.965	74	20703	19.607	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	33125	21.173	ug/l	100
10) Methyl Iodide	4.595	142	30306	14.726	ug/l	94
11) Tert butyl alcohol	5.530	59	40528	94.492	ug/l	97
12) 1,1-Dichloroethene	4.342	96	29799	18.540	ug/l	98
13) Acrolein	4.183	56	21082	75.418	ug/l	99
14) Allyl chloride	5.024	41	52866	17.405	ug/l	94
15) Acrylonitrile	5.724	53	93003	105.433	ug/l	100
16) Acetone	4.424	43	89933	111.362	ug/l	99
17) Carbon Disulfide	4.706	76	75058	15.960	ug/l	99
18) Methyl Acetate	5.030	43	53826	22.371	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	119873	20.662	ug/l	97
20) Methylene Chloride	5.277	84	36183	19.468	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	31806	19.146	ug/l	92
22) Diisopropyl ether	6.677	45	120474	21.101	ug/l	96
23) Vinyl Acetate	6.606	43	588222m	100.515	ug/l	
24) 1,1-Dichloroethane	6.571	63	67075	21.553	ug/l	98
25) 2-Butanone	7.489	43	132177	106.594	ug/l	92
26) 2,2-Dichloropropane	7.489	77	60709	21.006	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	40821	20.364	ug/l	94
28) Bromochloromethane	7.812	49	27176	21.368	ug/l	89
29) Tetrahydrofuran	7.841	42	85954	107.231	ug/l	91
30) Chloroform	7.971	83	70423	21.781	ug/l	97
31) Cyclohexane	8.259	56	55538	18.159	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	64607	21.111	ug/l	96
36) 1,1-Dichloropropene	8.371	75	47454	19.776	ug/l	99
37) Ethyl Acetate	7.565	43	54462	20.271	ug/l #	97
38) Carbon Tetrachloride	8.365	117	55784	20.640	ug/l	98
39) Methylcyclohexane	9.600	83	53292	18.082	ug/l	95
40) Benzene	8.606	78	144949	20.277	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28582	18.710	ug/l	92
42) 1,2-Dichloroethane	8.671	62	56134	21.557	ug/l	99
43) Isopropyl Acetate	8.688	43	90381	17.965	ug/l #	93
44) Trichloroethene	9.353	130	32871	19.319	ug/l	81
45) 1,2-Dichloropropane	9.624	63	34832	20.528	ug/l	96
46) Dibromomethane	9.706	93	26255	21.617	ug/l	98
47) Bromodichloromethane	9.888	83	56857	20.849	ug/l	97
48) Methyl methacrylate	9.682	41	42604	19.181	ug/l	94
49) 1,4-Dioxane	9.694	88	17557	438.127	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	271559	106.886	ug/l	94
52) Toluene	10.630	92	91356	20.227	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	54714	19.532	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	59091	19.832	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	35214	21.756	ug/l	93
56) Ethyl methacrylate	10.877	69	58682	19.231	ug/l	92
57) 1,3-Dichloropropane	11.165	76	62473	21.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	116793	90.550	ug/l	97
59) 2-Hexanone	11.194	43	202203	102.874	ug/l	90
60) Dibromochloromethane	11.359	129	40653	20.774	ug/l	98
61) 1,2-Dibromoethane	11.471	107	35799	21.054	ug/l	99
64) Tetrachloroethene	11.106	164	29437	19.689	ug/l	94
65) Chlorobenzene	11.894	112	97421	19.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34606	19.669	ug/l	100
67) Ethyl Benzene	11.965	91	176791	19.318	ug/l	99
68) m/p-Xylenes	12.071	106	133462	38.931	ug/l	98
69) o-Xylene	12.400	106	64117	18.963	ug/l	97
70) Styrene	12.412	104	111941	19.712	ug/l	98
71) Bromoform	12.582	173	25721	19.297	ug/l #	99
73) Isopropylbenzene	12.694	105	168001	19.042	ug/l	99
74) N-amyl acetate	12.494	43	76679	17.768	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	50575	20.268	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	46350m	20.021	ug/l	
77) Bromobenzene	12.982	156	38003	19.391	ug/l	92
78) n-propylbenzene	13.035	91	199240	19.612	ug/l	99
79) 2-Chlorotoluene	13.123	91	126137	19.584	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	145487	19.697	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	17583	16.521	ug/l	95
82) 4-Chlorotoluene	13.223	91	125697	19.456	ug/l	97
83) tert-Butylbenzene	13.441	119	125825	19.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	145982	19.611	ug/l	98
85) sec-Butylbenzene	13.618	105	171662	19.233	ug/l	100
86) p-Isopropyltoluene	13.729	119	143435	19.463	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	70755	19.186	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	70574	18.983	ug/l	97
89) n-Butylbenzene	14.053	91	120660	18.895	ug/l	100
90) Hexachloroethane	14.335	117	25358	17.810	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	67925	19.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11316	18.688	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	36269	18.141	ug/l	98
94) Hexachlorobutadiene	15.506	225	15777	17.744	ug/l	98
95) Naphthalene	15.641	128	126540	17.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36339	18.369	ug/l	96

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

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